

|                                            |                                                                                                                                                   |                                                                                                          |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| Haahr & Co. varenr.<br><br><i>Se bilag</i> | <b>Declaration of Conformity for materials<br/>and articles made of glass, porcelain,<br/>ceramic and enamel</b><br>Version nr. 1, 15.10.2012, DL | Page: 1 of 3<br>Gældende for Haahr & Co. A/S<br><br>Ibrugtagingsdato/ Godkendt af<br><i>17/9-13 - OL</i> |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|

|   |                                                                                                                                                                                                                       |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Haahr & Co. A/S<br>Mådevej 20<br>6700 Esbjerg<br><br>Tlf. +45 75 12 80 00<br>Fax +45 75 12 27 19<br><br><a href="http://www.haahr-co.dk">http://www.haahr-co.dk</a>                                                   |
| 2 | <div> Identification of the product: <ul style="list-style-type: none"> <li>• Name</li> <li>• Item No.</li> <li>• Description</li> <li>• Material</li> <li>• Photo</li> </ul> </div> <div>See AIF list attached</div> |

|                                            |                                                                                                          |                                                     |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------------|
| Haahr & Co. varenr.<br><br><i>Se bilag</i> | <b>Declaration of Conformity for materials and articles made of glass, porcelain, ceramic and enamel</b> | Page:2 of 3<br>Gældende for Haahr & Co. A/S         |
|                                            | Version nr. 1, 15.10.2012, DL                                                                            | Ibrugtningsdato/ Godkendt af<br><i>17/9-13 - OL</i> |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | <p><b><u>General EU compliance:</u></b></p> <p>These articles comply with the requirements of Regulation 1935/2004-EC, and is produced and handled in accordance with the requirements of good manufacturing practice in Regulation 2023/2006-EC.</p> <p><b><u>Compliance with specific EU rules:</u></b></p> <p>These articles comply with the requirements of contagion of lead and cadmium in Directive 84/500-EEC</p> <p><b><u>Compliance with Danish rules:</u></b></p> <p>These articles comply with the requirements of contagion of lead and cadmium from ceramic and enameled objects and glassware, given the Ordinance on Food Contact Materials # 822 of 26 June 2013.</p>                                          |
| 4 | <p>These articles are suitable for contact with all types of food at the expected and foreseeable use.</p> <p>These articles are intended for contact with food at temperatures up to <b><math>\Delta T 50^{\circ}C</math> for annealing items and <math>\Delta T 130^{\circ}C</math> for tempered items</b> up to _____ hours</p> <p>Representative samples of these, or similar articles, have been examined for compliance with the requirements of Section 3 and the articles in this lot are produced under similar conditions, using identical raw materials, from the same manufacturer.</p> <p>If the Danish Food Authorities so requests, Haahr &amp; Co. A/S will provide the necessary background documentation.</p> |

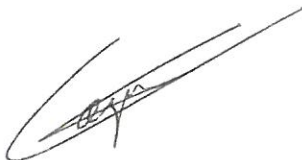
ARC INTERNATIONAL FRANCE  
Philippe CAZIER, AIF quality director

Arques, September 13, 2013

\_\_\_\_\_  
Supplier name - Signature

\_\_\_\_\_  
Date

**Arc International France**  
Société par Actions simplifiée  
Au Capital de 61 368 082 Euros  
RCS Boulogne-sur-Mer 504 313 032  
104 Avenue du Général De Gaulle  
62510 ARQUES - France



|                     |                                                                                                          |                                               |
|---------------------|----------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| Haahr & Co. varenr. | <b>Declaration of Conformity for materials and articles made of glass, porcelain, ceramic and enamel</b> | Page:3 of 3<br>Gældende for Haahr & Co. A/S   |
| Se bilag            | Version nr. 1, 15.10.2012, DL                                                                            | Ibrugtagingsdato/ Godkendt af<br>17/9-13 - DL |

On behalf of Haahr & Co. A/S

**HAAHR & CO. ISENKRAM A/S**  
 MADEVEJ 20 - 6700 ESBJERG  
 TLF: 75 12 80 00 - FAX: 75 12 27 19

D. Zangeneh

Signature

17/9 - 2013

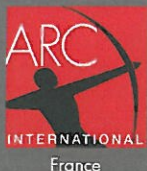
Date

| Nummer  | EAN Kode       | Beskrivelse                      | Leverandørnr. | REF COMM AIF | MATIERE | DECORE |
|---------|----------------|----------------------------------|---------------|--------------|---------|--------|
| 5000090 | 26102168066    | GLASSKÅL EMP Ø 6 CM              | 53332         | 10011        | SODO    | N      |
| 5000095 | 26102168172    | GLASSKÅL EMP Ø 7 CM              | 53332         | 10018        | SODO    | N      |
| 5000100 | 26102972144    | GLASSKÅL EMP Ø 9 CM              | 53332         | 10040        | SODO    | N      |
| 5000105 | 26102972151    | GLASSKÅL EMP Ø 10,5 CM           | 53332         | 10019        | SODO    | N      |
| 5000110 | 26102972175    | GLASSKÅL EMP Ø 12 CM             | 53332         | 10000        | SODO    | N      |
| 5000115 | 26102972182    | GLASSKÅL EMP Ø 14 CM             | 53332         | 10003        | SODO    | N      |
| 5000120 | 26102972212    | GLASSKÅL EMP Ø 17 CM             | 53332         | 10027        | SODO    | N      |
| 5000125 | 26102800058    | GLASSKÅL EMP Ø 20 CM             | 53332         | 10022        | SODO    | N      |
| 5000130 | 26102800256    | GLASSKÅL EMP Ø 23 CM             | 53332         | 10021        | SODO    | N      |
| 5000135 | 26102800164    | GLASSKÅL EMP Ø 26 CM             | 53332         | 9994         | SODO    | N      |
| 5000140 | 26102800096    | GLASSKÅL EMP Ø 29 CM             | 53332         | 10029        | SODO    | N      |
| 5000297 | 883314153583   | ASSIET SOLEIL 14,5 CM.           | 53332         | J1368        | SODO    | N      |
| 5000320 | 26102273647    | KANDE FLEUR 1,3 L                | 53332         | 6919         | SODO    | N      |
| 5000362 | 26102523490    | KANDE CLASSIQUE 1,3 L            | 53332         | 52349        | SODO    | N      |
| 5000366 | 26102552391    | KANDE PICHET 1,3 L               | 53332         | C0214        | SODO    | N      |
| 5000368 | 26102593196    | KANDE PICHET 0,5 L               | 53332         | C0215        | SODO    | N      |
| 5000380 | 26102284384    | GLASKANDE TIVOLI 2,3 L           | 53332         | 28438        | SODO    | N      |
| 5000382 | 26102703618    | GLASKANDE GLAS QUADRO 1,1 L      | 53332         | 70361        | SODO    | N      |
| 5000395 | 26102363416    | GLASKANDE ARC BROC 0,5 L         | 53332         | 36341        | SODO    | N      |
| 5000400 | 26102363584    | GLASKANDE ARC BROC 1,0 L         | 53332         | 36358        | SODO    | N      |
| 5000402 | 26102363669    | GLASKANDE ARC BROC 1,3 L         | 53332         | 36366        | SODO    | N      |
| 5000403 | 26102530610    | GLASKANDE ARC BROC 1,6 L         | 53332         | 53061        | SODO    | N      |
| 5000455 | 26102251102    | VINKARAFFEL ARC 0,5 L   ARC      | 53332         | C0197        | SODO    | N      |
| 5000456 | 26102330401    | VINKARAFFEL ARC 0,5 L   LUMINARC | 53332         | 33040        | SODO    | N      |
| 5000460 | 26102396094    | VINKARAFFEL ARC 1,0 L   ARC      | 53332         | C0199        | SODO    | N      |
| 5000461 | 26102396094    | VINKARAFFEL ARC 1 L   LUMINARC   | 53332         | 10291        | SODO    | N      |
| 5000555 | 26102009895    | ØLKRUS BRITANIA 57 CL.           | 53332         | 989          | SODO    | N      |
| 5000560 | 26102600269    | NORVEGE GLAS 16 CL               | 53332         | 60026        | SODO    | N      |
| 5000562 | 26102600245    | NORVEGE GLAS 20 CL               | 53332         | 60024        | SODO    | N      |
| 5000564 | 26102616970    | NORVEGE GLAS 25 CL               | 53332         | 61697        | SODO    | N      |
| 5000570 | 10026102043612 | ØLKRUS HAWORTH 28 CL             | 53332         | 4361         | SODO    | N      |
| 5000572 | 10026102131920 | ØLKRUS HAWORTH 57 CL             | 53332         | 13192        | SODO    | N      |
| 5000580 | 26102089446    | CAMPUS 18 CL                     | 53332         | 13823        | SODO    | N      |
| 5000582 | 26102089583    | CAMPUS 22 CL                     | 53332         | 13831        | SODO    | N      |
| 5000584 | 26102089538    | CAMPUS 29 CL                     | 53332         | 13849        | SODO    | N      |
| 5000600 | 883314349962   | VANDGLAS STACK UP 21 CL. OB      | 53332         | H5647        | SODO    | N      |
| 5000602 | 883314349948   | VANDGLAS STACK UP 32 CL. OB      | 53332         | H5646        | SODO    | N      |
| 5000604 | 883314345117   | VANDGLAS STACK UP 29 CL. HB      | 53332         | H7764        | SODO    | N      |
| 5000606 | 883314345100   | VANDGLAS STACK UP 35 CL. HB      | 53332         | H7763        | SODO    | N      |
| 5000608 | 883314349931   | VANDGLAS STACK UP 40 CL. HB      | 53332         | H5642        | SODO    | N      |
| 5000610 | 883314349924   | VANDGLAS STACK UP 47 CL. HB      | 53332         | H5641        | SODO    | N      |
| 5000694 | 26102259528    | CABERNET COCKTAIL 30 CL.         | 53332         | 62449        | SODO    | N      |
| 5000696 | 26102259894    | CABERNET CHAMPAGNE 16 CL         | 53332         | 48024        | SODO    | N      |
| 5000697 | 26102259818    | CABERNET CHAMPAGNE 24 CL         | 53332         | D0796        | SODO    | N      |
| 5000702 | 26102469798    | CABERNET TULIPE 25 CL            | 53332         | 46978        | SODO    | N      |
| 5000704 | 26102259207    | CABERNET TULIPE 35 CL            | 53332         | 46973        | SODO    | N      |
| 5000705 | 26102259191    | CABERNET TULIPE 47 CL            | 53332         | 46961        | SODO    | N      |
| 5000707 | 26102259078    | CABERNET TULIPE 58 CL            | 53332         | 46888        | SODO    | N      |
| 5000708 | 26102900635    | CABERNET TULIPE 75 CL            | 53332         | D0795        | SODO    | N      |
| 5000710 | 26102259412    | CABERNET TULIPE 19 CL            | 53332         | 53468        | SODO    | N      |
| 5000712 | 26102149539    | SNAPSGLAS GIN 3 CL.              | 53332         | 16           | SODO    | N      |
| 5000713 | 26102047613    | GRANITY GLAS 4,5 CL              | 53332         | 4755         | SODO    | N      |
| 5000714 | 883314398465   | GRANITY GLAS 16 CL. OB           | 53332         | J2610        | SODO    | N      |
| 5000715 | 883314398458   | GRANITY GLAS 20 CL. OB           | 53332         | J2611        | SODO    | N      |
| 5000716 | 883314398489   | GRANITY GLAS 27 CL.              | 53332         | J2614        | SODO    | N      |
| 5000717 | 883314398427   | GRANITY GLAS 31 CL. HB           | 53332         | J2605        | SODO    | N      |
| 5000718 | 883314398441   | GRANITY GLAS 35 CL.              | 53332         | J2607        | SODO    | N      |
| 5000719 | 883314398410   | GRANITY GLAS 42 CL. HB           | 53332         | J2603        | SODO    | N      |
| 5000720 | 883314398403   | GRANITY GLAS 46 CL. HB           | 53332         | J2601        | SODO    | N      |
| 5000721 | 26102078211    | ISLANDE DRINKSGLAS 6 CL.         | 53332         | 40375        | SODO    | N      |
| 5000722 | 26102078198    | ISLANDE DRINKSGLAS 16 CL HB      | 53332         | 40367        | SODO    | N      |
| 5000723 | 26102078358    | GLAS M/HANK ISLANDE 5,5 CL       | 53332         | 72388        | SODO    | N      |

|         |                |                                |       |       |      |   |
|---------|----------------|--------------------------------|-------|-------|------|---|
| 5000724 | 26102078297    | ISLANDE DRINKGLAS 20 CL OB     | 53332 | J3312 | SODO | N |
| 5000725 | 26102078167    | ISLANDE DRINKSGLAS 22 CL HB    | 53332 | 40359 | SODO | N |
| 5000726 | 26102078068    | ISLANDE DRINKSGLAS 29 CL HB    | 53332 | 40342 | SODO | N |
| 5000728 | 26102078068    | ISLANDE DRINKSGLAS 31 CL HB    | 53332 | J4227 | SODO | N |
| 5000732 | 26102124062    | ISLANDE DRINKSGLAS 33 CL HB    | 53332 | J3310 | SODO | N |
| 5000733 |                | ISLANDE DRINKSGLAS 30 CL OB    | 53332 | J4239 | SODO | N |
| 5000734 | 26102077979    | ISLANDE DRINKSGLAS 36 CL HB    | 53332 | J4226 | SODO | N |
| 5000739 | 26102071250    | ØLGLAS CERVOISE 32 CL          | 53332 | 7134  | SODO | N |
| 5000740 | 26102071243    | ØLGLAS CERVOISE 38 CL          | 53332 | 7132  | SODO | N |
| 5000741 | 26102071236    | ØLGLAS CERVOISE 50 CL   ARC    | 53332 | 7131  | SODO | N |
| 5000742 | 26102249482    | ØLGLAS CERVOISE 62 CL          | 53332 | 24941 | SODO | N |
| 5000743 | 883314138832   | ØLGLAS CERVOISE 50 CL          | 53332 | E9342 | SODO | N |
| 5000748 | 883314141962   | ØLGLAS WILLI BECHER 48 CL      | 53332 | E9538 | SODO | N |
| 5000750 | 26102863268    | ØLGLAS NONIC 34 CL             | 53332 | 43740 | SODO | N |
| 5000757 | 26102863251    | ØLGLAS NONIC 28 CL             | 53332 | 43716 | SODO | N |
| 5000758 | 26102346778    | ØLGLAS NONIC 57 CL             | 53332 | 49357 | SODO | N |
| 5000759 | 40026102246687 | ØLGLAS WILLI BECHER 40 CL      | 53332 | 24668 | SODO | N |
| 5000760 | 40026102246694 | ØLGLAS WILLI BECHER 63 CL      | 53332 | 24669 | SODO | N |
| 5000761 | 40026102246700 | ØLGLAS WILLI BECHER 33 CL      | 53332 | 24670 | SODO | N |
| 5000763 | 26102716946    | BALLON HVIDVIN 15 CL.          | 53332 | 11940 | SODO | N |
| 5000767 | 26102256275    | CHAMPAGNEGLAS BALLON 17 CL     | 53332 | 25626 | SODO | N |
| 5000769 | 26102761700    | BALLON 9,5 CL                  | 53332 | 8876  | SODO | N |
| 5000771 | 26102716922    | RØDVINGSLAS BALLON 25 CL       | 53332 | 11937 | SODO | N |
| 5000772 | 26102716939    | HVIDVINGSLAS BALLON 19 CL      | 53332 | 11052 | SODO | N |
| 5000776 | 883314138726   | BITTERGLAS HOT SHOT 3,4 CL     | 53332 | E9331 | SODO | N |
| 5000777 | 26102066126    | COGNACGLAS DEGUSTATION 15 CL   | 53332 | 1476  | SODO | N |
| 5000778 | 26102218839    | BITTERGLAS HOT SHOT 3,4 CL     | 53332 | 21554 | SODO | N |
| 5000780 | 26102504635    | RØDVINGLAS SAVOIE 35 CL        | 53332 | 50463 | SODO | N |
| 5000782 | 26102761403    | RØDVINGLAS SAVOIE 24 CL        | 53332 | 27778 | SODO | N |
| 5000784 | 26102760314    | HVIDVINGLAS SAVOIE 19 CL       | 53332 | 27786 | SODO | N |
| 5000787 | 883314109931   | COGNACGLAS OMEGA 72 CL         | 53332 | E7086 | SODO | N |
| 5000788 | 26102064542    | COGNACGLAS DEGUSTATION 25 CL.  | 53332 | 2458  | SODO | N |
| 5000789 | 26102626658    | COGNACGLAS DEGUSTATION 41 CL.  | 53332 | 62664 | SODO | N |
| 5000790 | 26102761410    | CHAMPAGNEGLAS SAVOIE 17 CL.    | 53332 | 27810 | SODO | N |
| 5000795 | 26102258880    | VANDGLAS LINELY 33 CL. HB      | 53332 | U1540 | SODO | N |
| 5000796 | 26102258897    | VANDGLAS LINELY 30 CL.         | 53332 | U1533 | SODO | N |
| 5000797 | 26102259825    | VINGLAS VERRE Á PIED LYRE 38CL | 53332 | D1292 | SODO | N |
| 5000798 | 883314138788   | COGNACGLAS DEGUSTATION 25 CL.  | 53332 | E9337 | SODO | N |
| 5000799 | 883314138771   | COGNACGLAS DEGUSTATION 41 CL.  | 53332 | E9336 | SODO | N |
| 5000802 | 26102763148    | ELEGANCE PORTVIN 6,5 CL        | 53332 | 37264 | SODO | N |
| 5000804 | 26102763308    | ELEGANCE HVIDVIN 12 CL         | 53332 | 37439 | SODO | N |
| 5000806 | 26102763124    | ELEGANCE HVIDVIN 14,5 CL       | 53332 | 37249 | SODO | N |
| 5000807 | 26102763292    | ELEGANCE CHAMPAGNEBOWLE 16 CL. | 53332 | 37652 | SODO | N |
| 5000808 | 26102763315    | ELEGANCE CHAMPAGNEGLAS 17 CL   | 53332 | 37298 | SODO | N |
| 5000810 | 26102763131    | ELEGANCE RØDVIN 19 CL          | 53332 | 37413 | SODO | N |
| 5000812 | 26102763285    | ELEGANCE RØDVIN 24,5CL         | 53332 | 37405 | SODO | N |
| 5000814 | 26102763278    | ELEGANCE ØL/RØDVINGSLAS 31 CL  | 53332 | 50143 | SODO | N |
| 5000850 | 40026102123797 | SCOTLAND GLAS 17 CL.           | 53332 | 12379 | SODO | N |
| 5000860 | 26102259689    | CABERNET COCKTAIL 21 CL        | 53332 | 58001 | SODO | N |
| 5000861 | 26102468746    | VIN DU RHIN 15,5 CL.           | 53332 | 2448  | SODO | N |
| 5000862 | 883314018219   | HAWAII COCKTAIL 44CL           | 53332 | E0530 | SODO | N |
| 5000864 | 26102259535    | COCKTAIL MARGARITA 44 CL       | 53332 | 62447 | SODO | N |
| 5000866 | 883314289978   | NEW AMERICA 30 CL. OB          | 53332 | H1981 | SODO | N |
| 5000867 | 883314289954   | NEW AMERICA 40 CL. OB          | 53332 | H1984 | SODO | N |
| 5000876 | 26102306482    | LONGCHAMP CHAMPAGNE 14 CL      | 53332 | G5189 | SODO | N |
| 5000890 | 26102421734    | ELEGANCE KARAFFEL 1 L.         | 53332 | 42173 | SODO | N |
| 5000892 | 26102763322    | ELEGANCE CHAMPAGNE 13 CL       | 53332 | 56416 | SODO | N |
| 5000910 | 26102245293    | SIGNATURE RØDVIN 35CL.         | 53332 | 24521 | SODO | N |
| 5000911 | 26102245163    | SIGNATURE RØDVIN 25CL.         | 53332 | 24414 | SODO | N |
| 5000912 | 26102243015    | SIGNATURE HVIDVIN 19 CL.       | 53332 | 24252 | SODO | N |
| 5000913 | 26102245200    | SIGNATURE CHAMPAGNE 17 CL      | 53332 | 24518 | SODO | N |
| 5000925 | 26102900888    | OPEN UP SWEET 27 CL.           | 53332 | D1481 | SODO | N |
| 5000926 | 26102900635    | OPEN UP UNIVERSAL 40 CL.       | 53332 | D1458 | SODO | N |

|         |                |                                |       |              |      |   |
|---------|----------------|--------------------------------|-------|--------------|------|---|
| 5000927 | 26102900451    | OPEN UP TANNIC 55 CL.          | 53332 | <b>E9041</b> | SODO | N |
| 5000928 | 26102880623    | OPEN UP EFFERVESCENT 20 CL.    | 53332 | <b>U1051</b> | SODO | N |
| 5000929 | 26102900246    | OPEN UP ROUND 37 CL.           | 53332 | <b>E9039</b> | SODO | N |
| 5000930 | 26102900840    | OPEN UP SOFT 47 CL             | 53332 | <b>U1012</b> | SODO | N |
| 5000931 | 883314028461   | OPEN UP VANDGLAS 38 CL.        | 53332 | <b>U1033</b> | SODO | N |
| 5000968 | 26102376850    | IRISH COFFEE GLAS M/HANK 24 CL | 53332 | <b>37684</b> | SODO | N |
| 5000970 | 26102579695    | IRISH COFFEE GLAS M/STREG 24CL | 53332 | <b>57966</b> | SODO | N |
| 5000980 | 26102432921    | PORTIONSGLAS GLACE 21 CL       | 53332 | <b>26671</b> | SODO | N |
| 5000990 | 883314291193   | GLASSKÅL BANANA SPLIT          | 53332 | <b>H2149</b> | SODO | N |
| 5001000 | 26102439210    | PORTIONSGLAS SORBET COUPE 21CL | 53332 | <b>50998</b> | SODO | N |
| 5001005 | 26102432938    | PORTIONSGLAS SORBET COUPE 38CL | 53332 | <b>43121</b> | SODO | N |
| 5001113 | 26102306451    | LONGCHAMP VIN 25 CL            | 53332 | <b>G5186</b> | SODO | N |
| 5001128 | 26102252833    | SKÅL COCOON 6 CM.              | 53332 | <b>41884</b> | SODO | N |
| 5001130 | 26102418826    | SKÅL COCOON 12 CM.             | 53332 | <b>41882</b> | SODO | N |
| 5001131 | 26102418413    | SKÅL COCOON 15 CM.             | 53332 | <b>41841</b> | SODO | N |
| 5001132 | 26102418796    | SKÅL COCOON 18 CM.             | 53332 | <b>41879</b> | SODO | N |
| 5001133 | 26102418772    | SKÅL COCOON 21 CM.             | 53332 | <b>41877</b> | SODO | N |
| 5001134 | 883314164459   | SKÅL COCOON 24 CM.             | 53332 | <b>G1698</b> | SODO | N |
| 5001135 | 883314160697   | SKÅL COCOON 28 CM.             | 53332 | <b>G1357</b> | SODO | N |
| 5001144 | 26102259511    | PRIMARY TUMBLER 27 CL          | 53332 | <b>G0036</b> | SODO | N |
| 5001145 | 26102259610    | PRIMARY TUMBLER 36 CL          | 53332 | <b>G3322</b> | SODO | N |
| 5001165 | 26102260005    | CABERNET CHAMPAGNESKÅL 30 CL   | 53332 | <b>D6140</b> | SODO | N |
| 5001166 | 883314132083   | CABERNET VIN JEUNES 35 CL      | 53332 | <b>E2788</b> | SODO | N |
| 5001167 | 883314132090   | CABERNET VIN JEUNES 47 CL      | 53332 | <b>E2790</b> | SODO | N |
| 5001181 | 883314023367   | OENOLOGUE CHAMPAGNE 26 CL      | 53332 | <b>U0952</b> | SODO | N |
| 5001189 | 26102579206    | ROMAN RØDVIN 21 CL   LUMINARC  | 53332 | <b>E5068</b> | SODO | N |
| 5001190 | 26102585924    | ROMAN RØDVIN 14 CL   LUMINARC  | 53332 | <b>E5069</b> | SODO | N |
| 5001209 | 26102307823    | LONGCHAMP VANDGLAS 32 CL       | 53332 | <b>G5077</b> | SODO | N |
| 5001210 | 26102306468    | LONGCHAMP VINGLAS 17 CL        | 53332 | <b>G5214</b> | SODO | N |
| 5001211 | 26102545591    | LONGCHAMP COGNAC 32 CL         | 53332 | <b>G5218</b> | SODO | N |
| 5001213 | 26102589571    | LONGCHAMP BITTER 6 CL          | 53332 | <b>G5223</b> | SODO | N |
| 5001216 | 26102639412    | LONGCHAMP SHOT GLAS 4,5 CL     | 53332 | <b>G5228</b> | SODO | N |
| 5001217 | 26102589465    | LONGCHAMP VANDGLAS 28 CL       | 53332 | <b>G5157</b> | SODO | N |
| 5001220 | 26102589588    | LONGCHAMP VINGLAS 12 CL        | 53332 | <b>G5224</b> | SODO | N |
| 5001222 | 26102595213    | LONGCHAMP VANDGLAS 23 CL       | 53332 | <b>G5225</b> | SODO | N |
| 5001223 | 26102805947    | MASQUERADE RØDVIN 25CL         | 53332 | <b>G5544</b> | SODO | N |
| 5001224 | 26102806562    | MASQUERADE HVIDVIN 18CL        | 53332 | <b>G5550</b> | SODO | N |
| 5001225 | 26102805671    | MASQUERADE CHAMPAGNE 17CL      | 53332 | <b>G5543</b> | SODO | N |
| 5001226 | 26102805978    | MASQUERADE WHISKY 30CL         | 53332 | <b>G5547</b> | SODO | N |
| 5001227 | 26102806005    | MASQUERADE LONGDRINK 38CL      | 53332 | <b>G5549</b> | SODO | N |
| 5001236 | 26102980194    | ØLGLAS VERTIGE 35CL            | 53332 | <b>14781</b> | SODO | N |
| 5001253 | 10026102624514 | KARAFFEL DECANTA 2 LITER       | 53332 | <b>62451</b> | SODO | N |
| 5001258 | 26102006306    | SKÅL COSMOS 23 CM              | 53332 | <b>E8859</b> | SODO | N |
| 5001260 | 26102006559    | SKÅL COSMOS 17 CM              | 53332 | <b>H5360</b> | SODO | N |
| 5001261 | 26102023884    | SKÅL COSMOS 14 CM              | 53332 | <b>64091</b> | SODO | N |
| 5001263 | 26102068908    | SKÅL COSMOS 10 CM              | 53332 | <b>30361</b> | SODO | N |
| 5001310 | 26102751466    | CITRONPRESSER HÆRDET GLAS      | 53332 | <b>75146</b> | SODO | N |
| 5001315 | 26102710029    | SMØRSKÅL M/KO                  | 53332 | <b>73115</b> | SODO | N |
| 5001400 | 883314185195   | OPBEVARINGSBOKS GLAS 370 ML    | 53332 | <b>G8402</b> | SODO | N |
| 5001402 | 883314185201   | OPBEVARINGSBOKS GLAS 760 ML    | 53332 | <b>G8412</b> | SODO | N |
| 5001404 | 883314185218   | OPBEVARINGSBOKS GLAS 1160 ML   | 53332 | <b>G8404</b> | SODO | N |
| 5001406 | 883314185225   | OPBEVARINGSBOKS GLAS 1890 ML   | 53332 | <b>G8403</b> | SODO | N |
| 5002010 | 26102214541    | SALT & PEBERBØSSE GLAS         | 53332 | <b>633</b>   | SODO | N |
| 5002325 | 26102418987    | OCTIME KLAR LYSESTAGE          | 53332 | <b>41898</b> | SODO | N |
| 5002482 | 26102780459    | BOLCHEGLAS POT CLUB 0,28LSMALL | 53332 | <b>78045</b> | SODO | N |
| 5002484 | 26102582701    | BOLCHEGLAS POT CLUB 0,5 L      | 53332 | <b>11266</b> | SODO | N |
| 5002486 | 26102635858    | BOLCHEGLAS POT CLUB 0,75 L     | 53332 | <b>11972</b> | SODO | N |
| 5002488 | 26102569153    | BOLCHEGLAS POT CLUB 1,0 L      | 53332 | <b>12404</b> | SODO | N |
| 5002489 | 26102713662    | SYLTEGLAS, POT CONFITURE       | 53332 | <b>71989</b> | SODO | N |
| 5002490 | 26102582718    | BOLCHEGLAS POT CLUB 1,5 L      | 53332 | <b>12252</b> | SODO | N |
| 5002492 | 26102348185    | BOLCHEGLAS POT CLUB 1,5 L BIG  | 53332 | <b>34818</b> | SODO | N |
| 5002493 | 26102348192    | BOLCHEGLAS POT CLUB 2,00 L BIG | 53332 | <b>34819</b> | SODO | N |
| 5010138 | 26102414156    | OSTEKLOKKE 2 DELE GLAS Ø27 CM. | 53332 | <b>41415</b> | SODO | N |

|         |              |                               |       |              |      |   |
|---------|--------------|-------------------------------|-------|--------------|------|---|
| 5010250 | 883314140798 | TALLERKEN VOLARE HVID 22,5 CM | 53332 | <b>E9169</b> | SODO | N |
| 5010251 | 883314140804 | TALLERKEN VOLARE HVID 23 CM   | 53332 | <b>E9167</b> | SODO | N |
| 5010252 | 883314140781 | TALLERKEN VOLARE HVID 27 CM   | 53332 | <b>E9171</b> | SODO | N |
| 5010253 | 883314153590 | SKÅL VOLARE HVID 16 CM.       | 53332 | <b>G0734</b> | SODO | N |
| 5010255 | 883314211399 | SALATSKÅL VOLARE HVID 27 CM.  | 53332 | <b>G5352</b> | SODO | N |
| 5010270 | 883314261202 | TALLERKEN VOLARE SORT 22,5 CM | 53332 | <b>G9399</b> | SODO | N |
| 5010271 | 883314261233 | TALLERKEN VOLARE SORT 23 CM   | 53332 | <b>G9402</b> | SODO | N |
| 5010272 | 883314231946 | TALLERKEN VOLARE SORT 27 CM   | 53332 | <b>G7045</b> | SODO | N |
| 5010273 | 883314261240 | SKÅL VOLARE SORT 16 CM.       | 53332 | <b>J1410</b> | SODO | N |
| 5010510 | 26102252796  | KRUS 29 CL                    | 53332 | <b>D6880</b> | SODO | N |
| 5010514 | 26102519462  | KOP+UNDERKOP 16 CL ÆSKE Á 6   | 53332 | <b>51946</b> | SODO | N |
| 5010516 | 26102521083  | DESSERTTALLERKEN 19,5         | 53332 | <b>H4124</b> | SODO | N |
| 5010518 | 26102286838  | TALLERKEN FLAD 24,5 CM        | 53332 | <b>D6890</b> | SODO | N |
| 5010520 | 26102285954  | TALLERKEN DYB 22,5 CM         | 53332 | <b>D6889</b> | SODO | N |
| 5010521 | 26102519172  | OVALT FAD 35 CM               | 53332 | <b>E9667</b> | SODO | N |
| 5010528 | 26102246443  | OVERKOP 13 CL   Ø: 7,0 H: 5,8 | 53332 | <b>22795</b> | SODO | N |
| 5010530 | 26102246498  | OVERKOP 19 CL   Ø: 7,8 H: 6,5 | 53332 | <b>22837</b> | SODO | N |
| 5010535 | 26102509579  | UNDERKOP 14 CM                | 53332 | <b>22720</b> | SODO | N |
| 5010540 | 26102511275  | TALLERKEN FLAD 15,5 CM        | 53332 | <b>22506</b> | SODO | N |
| 5010545 | 26102511428  | DESSERTTALLERKEN 19,5CM       | 53332 | <b>22530</b> | SODO | N |
| 5010550 | 26102511473  | TALLERKEN DYB 22,6 CM         | 53332 | <b>22514</b> | SODO | N |
| 5010554 | 26102511626  | TALLERKEN FLAD 23,5 CM.       | 53332 | <b>22522</b> | SODO | N |
| 5010555 | 26102511602  | FROKOSTTALLERKEN 22,5CM       | 53332 | <b>29337</b> | SODO | N |
| 5010556 | 26102511640  | TALLERKEN FLAD 25 CM          | 53332 | <b>24742</b> | SODO | N |
| 5010557 | 26102510810  | YMERSKÅL COUPELLE 16 CL       | 53332 | <b>25293</b> | SODO | N |
| 5010558 | 26102491485  | STEAKTALLERKEN OVAL 30 CM     | 53332 | <b>49145</b> | SODO | N |
| 5010559 | 26102567210  | KRUS 25 CL                    | 53332 | <b>36140</b> | SODO | N |
| 5010560 | 26102567197  | KRUS 29 CL STABELBAR          | 53332 | <b>18316</b> | SODO | N |
| 5010595 | 26102863176  | CHAMPAGNEKØLER ISLANDE        | 53332 | <b>52656</b> | SODO | N |



26 November 2012

**HAAHR**

**Ref. :** PC/sl

**Re :**

See Haahr list 221112 attached

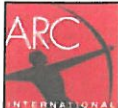
We, Arc International France, certify that these items are in conformity with  
- Directive 10-2011 EEC on overall migration test of plastic material and articles intended to come into contact with foodstuffs.

- ISO 7086 and directives EC 84/500 & 1935/2004 (traceability = pallet) and do not present any risk as well from the health as hygiene point of view.

**Arc International France**  
Société par Actions simplifiée  
Au Capital de 61 368 082 Euros  
RCS Boulogne-sur-Mer 504 313 032  
104 Avenue du Général De Gaulle  
62510 ARQUES - France

A handwritten signature in black ink, appearing to read "Philippe CAZIER", written over a horizontal line.

**Philippe CAZIER**  
AIF Quality Director



# GLASS DATA SHEET CLEAR SODALIME GLASS

Ref. CL/si  
Date 15/06/2012  
Page 1 of 1

Last revision New format  
Issued by Ivan LITVINENKO-MOREL Approved by Rodolphe DELAVAL

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| Chemical composition<br>(Indicative average values in % of oxides) |       | Raw materials      | Measurement method                         |
|--------------------------------------------------------------------|-------|--------------------|--------------------------------------------|
| SiO <sub>2</sub>                                                   | 72.5% | Sand               | Chemical analysis using X-ray fluorescence |
| Na <sub>2</sub> O                                                  | 13.5% | Sodium carbonate   |                                            |
| CaO                                                                | 11%   | Calcium carbonate  |                                            |
| Al <sub>2</sub> O <sub>3</sub>                                     | 1.5%  | Alumina / Feldspar |                                            |
| MgO                                                                | 1.5%  | Dolomite           |                                            |

## PHYSICO-CHEMICAL PROPERTIES

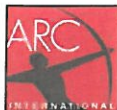
| Properties (Unit)                                                        | Value                                                                                      | Measurement method or Standards                                                                 |
|--------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|
| Color (Lab* system)                                                      | 94 < L* < 96<br>Iron content > 200 mg/kg<br>(expressed in Fe <sub>2</sub> O <sub>3</sub> ) | Total transmission measurement with a spectrophotometer at 1cm in C 2° according to CIE 15:2004 |
| Melting temperature (Tf) in °C (approx.)                                 | 1460                                                                                       | ISO 7884 (1987)                                                                                 |
| Transformation temperature (Tg) in °C                                    | 550                                                                                        |                                                                                                 |
| Softening temperature (Pr) in °C                                         | 600                                                                                        |                                                                                                 |
| Average thermal expansion coefficient (E <sup>-7</sup> K <sup>-1</sup> ) | 90 ± 3                                                                                     | ISO 7991 (1987) between 20°C and 300°C                                                          |
| Density                                                                  | 2.5                                                                                        | Pycnometer                                                                                      |
| Refractive index                                                         | 1.52                                                                                       | Refractometer                                                                                   |
| Thermal conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )               | 1.05 at 20°C                                                                               |                                                                                                 |
| Specific heat (cal.°C <sup>-1</sup> .g <sup>-1</sup> )                   | 0.24                                                                                       |                                                                                                 |

## CHEMICAL DURABILITY

| Durability                    | Class | Standard  |
|-------------------------------|-------|-----------|
| Hydrolytic resistance at 98°C | HGB 3 | ISO 719   |
| Alkali resistance             | A1    | ISO 695   |
| Acid resistance               | 1     | DIN 12116 |

## FUNCTIONAL USES

| Use                             | Standard   | Annealed | Tempered | ΔT 100   |
|---------------------------------|------------|----------|----------|----------|
| Dishwasher resistance           | EN 12875-2 | Yes      | Yes      | Yes      |
| Thermal shock resistance        | EN 1183    | ΔT 50°C  | ΔT 130°C | ΔT 100°C |
| Microwave oven                  | EN 15284   | No       | Yes      | Yes      |
| Oven                            | EN 13834   | No       | No       | No       |
| Hot plate / flame / ceramic hob | EN 12983-2 | No       | No       | No       |



## GLASS DATA SHEET KWARX

|             |            |
|-------------|------------|
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|               |                       |                              |
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| Chemical composition<br>(Indicative average values in % of oxides) |       | Raw materials      | Measurement method                            |
|--------------------------------------------------------------------|-------|--------------------|-----------------------------------------------|
| SiO <sub>2</sub>                                                   | 72.5% | Sand               | Chemical analysis using<br>X-ray fluorescence |
| Na <sub>2</sub> O                                                  | 13.5% | Sodium carbonate   |                                               |
| CaO                                                                | 11%   | Calcium carbonate  |                                               |
| Al <sub>2</sub> O <sub>3</sub>                                     | 1.5%  | Alumina / Feldspar |                                               |
| MgO                                                                | 1.5%  | Dolomite           |                                               |

### PHYSICO-CHEMICAL PROPERTIES

| Properties (Unit)                                                        | Value                                                                                                            | Measurement method<br>or Standards                                                                                                      |
|--------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Color (Lab* system)                                                      | Clear glass<br>L* ≥ 98<br>C* ≤ 0.5<br>Iron content ≤ 200 mg/kg<br>(expressed in Fe <sub>2</sub> O <sub>3</sub> ) | According to IWA8<br>standard "Glass clarity"<br>Internal transmission<br>measurement with a<br>spectrophotometer at 2<br>cm in D65 10° |
| Melting temperature (Tf) in °C (approx.)                                 | 1460                                                                                                             | ISO 7884 (1987)                                                                                                                         |
| Transformation temperature (Tg) in °C                                    | 550                                                                                                              |                                                                                                                                         |
| Softening temperature (Pr) in °C                                         | 600                                                                                                              |                                                                                                                                         |
| Average thermal expansion coefficient (E <sup>-7</sup> K <sup>-1</sup> ) | 90 ± 3                                                                                                           | ISO 7991 (1987)<br>between 20°C and 300°C                                                                                               |
| Density                                                                  | 2.5                                                                                                              | Pycnometer                                                                                                                              |
| Refractive index                                                         | 1.52                                                                                                             | Refractometer                                                                                                                           |
| Thermal conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )               | 1.05 at 20°C                                                                                                     |                                                                                                                                         |
| Specific heat (cal.°C <sup>-1</sup> .g <sup>-1</sup> )                   | 0.24                                                                                                             |                                                                                                                                         |

### CHEMICAL DURABILITY

| Durability                    | Class | Standard  |
|-------------------------------|-------|-----------|
| Hydrolytic resistance at 98°C | HGB 3 | ISO 719   |
| Alkali resistance             | A1    | ISO 695   |
| Acid resistance               | 1     | DIN 12116 |

### FUNCTIONAL USES

| Use                             | Standard   | Annealed |
|---------------------------------|------------|----------|
| Dishwasher resistance           | EN 12875-2 | Yes      |
| Resistance to thermal shock     | EN 1183    | ΔT 50°C  |
| Microwave oven                  | EN 15284   | No       |
| Oven                            | EN 13834   | No       |
| Hot plate / flame / ceramic hob | EN 12983-2 | No       |

### KWARX'S ASSETS

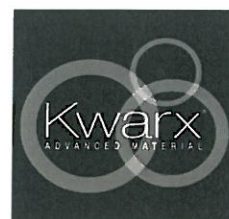
STRONG 

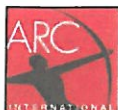
BRIGHT 

PURE 

→ One of the most\* resistant glass materials  
→ After more than 300 cycles in domestic dishwasher / 2000 cycles in industrial dishwasher\*, Kwarx retains exceptional transparency and unaltered lustre.

→ Exceptional transparency and minimum discoloration rate





## GLASS DATA SHEET ZENIX

|             |            |
|-------------|------------|
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|               |                       |                              |
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| Chemical composition<br>(Indicative average values in % of oxides) |      | Raw materials      | Measurement method                         |
|--------------------------------------------------------------------|------|--------------------|--------------------------------------------|
| SiO <sub>2</sub>                                                   | 72%  | Sand               | Chemical analysis using X-ray fluorescence |
| Na <sub>2</sub> O                                                  | 12%  | Sodium carbonate   |                                            |
| CaO                                                                | 1.5% | Calcium carbonate  |                                            |
| Al <sub>2</sub> O <sub>3</sub>                                     | 8%   | Alumina            |                                            |
| BaO                                                                | 2.5% | Barium carbonate   |                                            |
| F <sub>2</sub>                                                     | 5%   | Sodiumfluosilicate |                                            |
| K <sub>2</sub> O                                                   | 1.5% | Nepheline          |                                            |

### PHYSICO-CHEMICAL PROPERTIES

| Properties (Unit)                                                        | Value                  | Measurement method or Standards                                                                    |
|--------------------------------------------------------------------------|------------------------|----------------------------------------------------------------------------------------------------|
| Color (Lab* system)                                                      | Opaque<br>"bone" color | Total transmission measurement with a spectrophotometer at 1cm in D65 10° according to CIE 15:2004 |
| Melting temperature (Tf) in °C (approx.)                                 | 1510                   | ISO 7884 (1987)                                                                                    |
| Transformation temperature (Tg) in °C                                    | 505                    |                                                                                                    |
| Softening temperature (Pr) in °C                                         | 585                    |                                                                                                    |
| Average thermal expansion coefficient (E <sup>-7</sup> K <sup>-1</sup> ) | 82 ± 3                 | ISO 7991 (1987) between 20°C and 300°C                                                             |
| Density                                                                  | 2.41                   | Pycnometer                                                                                         |
| Refractive index                                                         | 1.47                   | Refractometer                                                                                      |
| Thermal conductivity (W.m <sup>-1</sup> .K <sup>-1</sup> )               | -                      |                                                                                                    |
| Specific heat (cal.°C <sup>-1</sup> .g <sup>-1</sup> )                   | 0.24                   |                                                                                                    |

### CHEMICAL DURABILITY

| Durability                    | Class | Standard  |
|-------------------------------|-------|-----------|
| Hydrolytic resistance at 98°C | HGB 2 | ISO 719   |
| Alkali resistance             | A2    | ISO 695   |
| Acid resistance               | 1     | DIN 12116 |

### FUNCTIONAL USES

| Use                             | Standard   | Tempered |
|---------------------------------|------------|----------|
| Dishwasher resistance           | EN 12875-2 | Yes      |
| Resistance to thermal shock     | EN 1183    | ΔT 130°C |
| Microwave oven                  | EN 15284   | Yes      |
| Oven                            | EN 13834   | No       |
| Hot plate / flame / ceramic hob | EN 12983-2 | No       |

### ZENIX'S ASSETS



- Outstanding mechanical resistance
- Scratch resistance never reached before
- Premium Quality: both sides perfectly homogeneous
- Bone color: Elegant and natural. Subtle. warm color.

