

# Certificate of Conformity



Article no.	Retrace Code/Batch/Lot no.
DURAN® GLASS	N/A

Article description
Consumer Glass Declaration of Conformity

## Manufacturer

DWK Life Sciences GmbH  
 Otto-Schott-Strasse 21  
 D-97877 Wertheim / Main

DURAN Produktions GmbH & Co. KG  
 Hattenbergstrasse 10  
 D-55122 Mainz

## Scope

This declaration is valid for all DURAN® borosilicate glass 3.3 products and is directed at products that are used in consumer goods electrical and non electronical applications:

Borosilicate glass articles in both printed and unprinted version (e.g. feeding bottles, bottles, beakers, dishes, coffee jugs, water kettles)

## Declaration of Conformity

We hereby confirm, that the articles made from DURAN® Glass have been produced in accordance with the Quality Assurance System DIN EN ISO 9001:2015 and comply with the following regulations:

- ISO 7086-1:2000 and ISO 7086-2:2000
- LFGB
- Regulation (EU) No. 1935/2004
- REACH (EU) No. 1907/2006 / SVHC candidate list (version 17.01.2022)
- FDA 7117.06 and 7117.07
- CPG 545.450, 545.400
- California Proposition 65
- RoHS Directive 2011/65/EU (incl. amendment 2015/863/EU)
- Free of phthalates

The corresponding test results can be found below. All tests were performed by an independent and certified laboratory (SGS). All confirmations and references in this certificate apply to original DURAN® products only.

This Certificate is valid for the period of the current tank operation until 30. December 2027.

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## Hersteller

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## Geltungsbereich

Diese Erklärung gilt für alle DURAN® Produkte aus dem Werkstoff Borosilikatglas 3.3 und ist ausgelegt für alle Haushaltswarengläser elektrifiziert und nicht elektrifiziert:

Borosilikatglas Produkte in bedruckter und unbedruckter Ausführung (z.B. Milchflaschen, Flaschen, Becher, Teller, Kaffeekannen, Wasserkocher)

## Konformitätserklärung

Hiermit bestätigen wir, dass alle DURAN® Glasprodukte in Übereinstimmung mit dem Qualitätssicherungssystem DIN EN ISO 9001:2015 gefertigt wurden und die folgenden Richtlinien erfüllen:

- ISO 7086-1:2000 und ISO 7086-2:2000
- LFGB
- Verordnung (EU) Nr. 1935/2004
- REACH (EU) Nr. 1907/2006 / SVHC Kandidatenliste (Stand: 17.01.2022)
- FDA 7117.06 und 7117.07
- CPG 545.450, 545.400
- California Proposition 65
- RoHS Richtlinie 2011/65/EU (inkl. Änderungsrichtlinie 2015/863/EU)
- Frei von Phthalaten

Die Prüfergebnisse können weiter unten eingesehen werden. Alle Tests wurden von einem unabhängigen und zertifizierten Prüflabor (SGS) durchgeführt. Dieses Zertifikat und die genannten Referenzen beziehen sich nur auf DURAN® Produkte.

Dieses Zertifikat ist für den aktuellen Wannenbetrieb bis 30. Dezember 2027 gültig.

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## Test Methods

- (1) Determination of Cadmium by ICP-OES, acc. IEC 62321-5:2013-06
- (2) Determination of Lead by ICP-OES, acc. IEC 62321-5:2013-06
- (3) Determination of Mercury by CV-AAS, acc. IEC 62321-4:2013-06
- (4) Determination of Chromium by ICP-OES, acc. IEC 62321-5:2013-06
- (5) Determination of Chromium (VI) acc. IEC 62321
- (6) Determination of PBB/PBDE by GC/MS, acc. IEC 62321-6:2015-06
- (7) Determination of Phthalates by GC/MS acc. IEC 62321-8:2017-03 GC-MS after extraction with THF (Tetrahydrofurane)
- (8) Inductively coupled plasma atomic emission spectrometry (ICP-AES) acc. to DIN EN ISO 11885:2009-09
- (9) Gas chromatography with mass selective detector after extraction with toluene
- (10) §64 LFGB B 80.03-1 to 4 referring to DIN 51032:2017

## Test Results

Test Item(s):	Unit	Test Method	Result	Report Limit	RoHS Limit
Cadmium(Cd)	mg/kg	1	n.d.	1	100
Cadmium (Cd)	mg/l	10	< 0.001	max. 0,3	-
Lead (Pb)	mg/kg	2	n.d.	10	1000
Lead (Pb)	mg/l	10	< 0.01	max. 4,0	-
Mercury (Hg)	mg/kg	3	n.d.	0.5	1000
Chromium, total (Cr)	mg/kg	4	n.d.	10	1000
Chromium, hexavalent (Cr(VI))	mg/kg	5	n.d.	1	1000
Arsenic (As)	mg/kg	8	n.d.	10	-

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## Test Results polybrominated diphenyl ether

Test Item(s):	Unit	Test Method	Result	Report Limit	RoHS Limit*
Monobromodiphenyl ether	mg/kg	6	n.d.	50	-
Dibromodiphenyl ether	mg/kg	6	n.d.	50	-
Tribromodiphenyl ether	mg/kg	6	n.d.	50	-
Tetrabromodiphenyl ether	mg/kg	6	n.d.	50	-
Pentabromodiphenyl ether	mg/kg	6	n.d.	50	-
Hexabromodiphenyl ether	mg/kg	6	n.d.	50	-
Heptabromodiphenyl ether	mg/kg	6	n.d.	50	-
Octabromodiphenyl ether	mg/kg	6	n.d.	50	-
Nonabromodiphenyl ether	mg/kg	6	n.d.	50	-
Decabromodiphenyl ether	mg/kg	6	n.d.	50	-

\*) max 1000 sum of polybrominated diphenyl ether (PBDE)

## Test Results polybrominated biphenyls

Test Item(s):	Unit	Test Method	Result	Report Limit	RoHS Limit*
Monobromobiphenyl	mg/kg	6	n.d.	50	-
Dibromobiphenyl	mg/kg	6	n.d.	50	-
Tribromobiphenyl	mg/kg	6	n.d.	50	-
Tetrabromobiphenyl	mg/kg	6	n.d.	50	-
Hexabromobiphenyl	mg/kg	6	n.d.	50	-
Pentabromobiphenyl	mg/kg	6	n.d.	50	-
Heptabromobiphenyl	mg/kg	6	n.d.	50	-
Octabromobiphenyl	mg/kg	6	n.d.	50	-
Nonabromobiphenyl	mg/kg	6	n.d.	50	-
Decabromobiphenyl	mg/kg	6	n.d.	50	-

\*) max 1000 sum of polybrominated biphenyls (PBB)


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## Test Results Phthalates

Test Item(s):		Test Method	Result	Report Limit	RoHS Limit
Bis (2-ethylhexyl) phthalate (DEHP) (117-81-7)	mg/kg	7	n.d.	100	1000
Butyl benzyl phthalate (BBP) (85-68-7)	mg/kg	7	n.d.	100	1000
Dibutyl phthalate (DBP) (84-74-2)	mg/kg	7	n.d.	100	1000
Diisobutyl phthalate (DIBP)	mg/kg	7	n.d.	100	1000
Dibutylphthalate (DBP) (84-74-2)	mg/kg	9	n.d.	100	-
Benzylbutylphthalate (BBP) (85-68-7)	mg/kg	9	n.d.	100	-
Bis-(2-ethylhexyl)phthalate (DEHP) (117-81-7)	mg/kg	9	n.d.	100	-
Diisononylphthalate (DINP) (28553-12-0)	mg/kg	9	n.d.	100	-
Di-n-octylphthalate (DNOP) (117-84-0)	mg/kg	9	n.d.	100	-
Diisodecylphthalate (DIDP) (26761-40-0)	mg/kg	9	n.d.	100	-
Diisobutylphthalate (DIBP) (84-69-5)	mg/kg	9	n.d.	100	-
Di(C7-C11 alkyl) Phthalates linear + branched (DHNUP) calculated as DUDP (68648-91-9)	mg/kg	9	n.d.	100	-
Di-isoheptylphthalate (DIHP) (90937-19-2)	mg/kg	9	n.d.	100	-
Di-n-pentylphthalate (DnPP) (131-18-0)	mg/kg	9	n.d.	100	-
n-pentyl-iso-pentylphthalate (nPiPP) (776297-69-9)	mg/kg	9	n.d.	100	-
Di-iso-Pentylphthalate (DIPP) (605-50-5)	mg/kg	9	n.d.	100	-
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (84777-06-0)	mg/kg	9	n.d.	100	-
Di-2-methoxyethylphthalate (DMEP) (117-82-8)	mg/kg	9	n.d.	100	-
Di-n-hexylphthalate (DnHP) (84-75-3)	mg/kg	9	n.d.	100	-
Di-iso-Hexylphthalat (1,2-Benzenedicarboxylic acid, dihexylester, branched and linear (68515-50-4)	mg/kg	9	n.d.	100	-

Certified by:   
 Mariska Jefferson  
 Quality Manager

Date: 2022-06-15