

## Declaration of Compliance - *Composite IBC GCube*

### IBIB00118GQB0006, IBC Food 1000 liter

Including HDPE Bottle, Lid and Valve, produced by **GREIF Sweden AB**

- 1) The packaging complies with the European Directive 94/62/EC on packaging and packaging waste and its amendments.
- 2) All plastic parts that normally get into contact with the filling goods comply with the legal regulations **(EU) No 10/2011, (EC) No 1935/2004**, and the regulation on **GMP EC 2023/2006**. When used as specified, the overall migration as well as the specific migration do not exceed the legal limits. The testing (screening and simulants A, B, D2) was performed according to regulation **(EU) No 10/2011 (Appendix V)** and documented by Normpack. We are referring to those expert opinions and the given SML in Appendix I (page 2 of this document).

**Dual use substances:** E470

**Organoleptic:** Properties have not been evaluated.

The manufacturing process fulfills the demands of the ISO 9001:2015 and ISO 14001:2015. The above mentioned plant fulfills also the FSSC 22000 version 5.1 following the Commission Regulation (EC) No. 2023/2006.

#### **Specification of the intended use:**

All food types, including food type 01.04, undenaturated ethyl alcohol (95% ethanol)  
OM2 conditions: Long storage at room temperature and below, including hot fill.

Surface to volume ratio applied 6 dm<sup>2</sup> per kg of food

#### **FDA**

The main resin in this product, valve and lid materials meets the FDA requirements included in the Code of Federal Regulations in 21 CFR 177.1520(a)(3)(i) and (c)3.1/2a. Hence we refer to separate conformity declarations of our suppliers.

Lid gasket from elastomers, *Food contact declaration*, 09-09-2016 of Francem according to positive list of FDA, Title 21, Part 177 Subpart C Section 177.2600.

#### **Validity**

This declaration is valid for the product delivered by us as specified above. The Regulation (EU) No. 10/2011 provides guidelines for the selection of test conditions to be used for various food products. According to that and under consideration of the food contact conditions stated, the product complies with the stipulations of these regulations regarding the packaging of food products to be packed. The user shall verify himself that the product is suitable for the intended food to be packed within the stipulations of the directives.

Released: Falkenberg, 3 February 2026

This document is issued electronically and is hence valid without signature.

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## Appendix I

Migration was performed according to EN13130-1:2004 (immersion)

Test conditions: 10 days 60°C

Simulant: 95% Ethanol

1-Hexene

Amount: 3 mg/ kg simulant



# NORMPACK CERTIFICATE

Registration number: 162 05 100 2988 40



Valid until: 2026-05-20

DESCRIPTION	Company / address	Greif Sweden AB Kvekatorpsvägen 25, 311 23 Falkenberg
	Trade Name (type and/or art.no)	IBC (HM4560UA/BZ45-060)
	All layers in the material, starting with food contact layer	HDPE, closures
	Substances with restrictions / SML	On request
	Dual use substances	E407, E483
Functional barrier according to (EU) No 10/2011	No	

Assessed according to:	(EC) No 1935/2004 Framework regulation (EU) No 10/2011 Plastics, regulations as amended
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SUITABILITY	Evaluated and suitable for food types:	All food types, including food type 01.04, undenaturated ethyl alcohol (95% ethanol)
	Evaluated and suitable for time and temperature:	OM2 conditions: Long term storage at room temperature and below including hot fill.
	Single use / Repeated use	Single use
	Other restrictions and specifications	Overall migration has been performed, by immersion, to food simulants A:10% Ethanol, B:3% Acetic acid, D2:Veg.oil < 1% unsaponifiable matter, at conditions 2 hours 100°C, and to 95% ethanol, 2 days 60°C

TESTS / CALCULATIONS	Overall Migration	Overall migration has been performed, by immersion, to food simulants A:10% Ethanol, B:3% Acetic acid, D2:Veg.oil < 1% unsaponifiable matter, at conditions 2 hours 100°C + 10 days 40°C, and to 95% ethanol, 2 days 60°C
	Specific migration	Specific migration has been evaluated by worst case calculation and analysis. Specific migration analysis has been performed on the components by immersion to food simulants B:3% Acetic acid, (metals and PAA) at conditions 2 hours 100°C + 10 days 60°C  Results < SML mg/kg Metals in Annex II of (EU) No 10/2011 < SML PAAs in Annex II of (EU) No 10/2011 < SML
	Set off	Not applicable
	Surface to volume	Surface to volume ratio applied 6 dm <sup>2</sup> per kg of food
	Organoleptic properties	Organoleptic properties have not been evaluated

VERIFICATION	Examined by Normpack's secretariat, ensuring that the above material(s) / product(s) at the time of issue of the certificate is/are consistent with the material specific requirements in the Normpack Norm (see back page of certificate) and that a complete documentation does exist. The processor is responsible for fulfilling all legal requirements. This certificate is valid for two years provided that no changes are made in the composition of the material or in the relevant legal requirements. For verification of validity, contact normpack@ri.se.	2024-05-20
		  Susanna Andersson



# NORMPACK

## THE NORMPACK NORM

amended 2024-04-16

- § 1. Materials and articles in contact with food shall meet the demands of Swedish or EU harmonized regulations, as amended:

Swedish regulations	EU-regulations - all materials	EU-regulations - specific materials
<a href="#">SFS 2006:804</a>	<a href="#">(EC) 1935/2004 (Framework reg)</a>	<a href="#">(EC) 450/2009 (A&amp;I packaging)</a>
<a href="#">SFS 2006:813</a>	<a href="#">(EC) 2023/2006 (GMP)</a>	<a href="#">84/500/EEC (Ceramics)</a>
<a href="#">LIVSFS 2023:5 (Contact with Foods)</a>	<a href="#">(EC) 178/2002 (General Food Law)</a>	<a href="#">2007/42/EC (Cellophane)</a>
	<a href="#">(EC) 1333/2008 (Additives)</a>	<a href="#">93/11/EEC (N-nitrosamine)</a>
	<a href="#">(EC) 1334/2008 (Flavourings)</a>	<a href="#">(EC) 1895/2005 (Epoxy)</a>
		<a href="#">(EU) 10/2011 (Plastic)</a>
		<a href="#">(EU) 2022/1616 (Recycled plastic)</a>
		<a href="#">(EU) 2018/213 (Plastic-BPA)</a>

- § 2. For materials not covered by Swedish or EU harmonized food contact material regulation, one of the following regulations should be used:

Warenwet	BfR	FDA	CoE (metals)
<a href="#">The Dutch Packaging and Food-Utensils Regulation (Warenwet), Netherland</a>	<a href="#">Empfehlungen des Bundesinstitutes für Risikobewertung (BfR), Germany. Recommendations on</a>	<a href="#">Code of Federal Regulations, Title 21 Food and Drugs, (FDA), USA §§ 174, 175, 176, 177, 178, 180, 181, 182, 184, 186 and 189</a>	<a href="https://www.edqm.eu/en/food-contact-materials-and-articles">https://www.edqm.eu/en/food-contact-materials-and-articles</a>

- § 3. To ensure correct use, suppliers and purchasers throughout the value chain shall confer about the suitability of the material/article for the intended purpose.

- § 4. The transfer of constituents from the food contact material to food shall be assessed. If there is a limit regulating materials/articles, the following alternative methods are suggested to establish whether the material/article meets the demands:

- Worst case calculations
- Migration modelling
- Laboratory

All in the Normpack Norm applicable laws and recommendations shall be applied in their latest updated version when issuing a certificate

Contact: [normpack@ri.se](mailto:normpack@ri.se) [www.normpack.se](http://www.normpack.se)

# Verifikat

Transaktion 09222115557517884162

## Dokument

**Normpack Certificate 162 05 100 2988 40**

Huvuddokument

2 sidor

*Startades 2024-05-20 13:12:33 CEST (+0200) av Susanna Andersson (SA)*

*Färdigställt 2024-05-20 13:13:26 CEST (+0200)*

## Signerare

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*Signerade 2024-05-20 13:13:26 CEST (+0200)*

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