



NORMPACK CERTIFICATE

Registration number: 360 04 100 4830 37


Valid until: 2023-04-01

DESCRIPTION	Company / address	Swedbag AB
	Trade Name (type and/or art.no)	Swedbag paperbags
	All layers in the material, starting with food contact layer	Paper / adhesive / printing ink
	Substances with restrictions / SML	At request
	Dual use substances	At request
Functional barrier according to (EU) No 10/2011	No	

Assessed according to:	Whole composition: (EC) No 1935/2004 Framework regulation Paper layer: BfR XXXVI (version 01.06.2019)
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SUITABILITY	Evaluated and suitable for food types:	Dry food stuff
	Evaluated and suitable for time and temperature:	Long term storage at room temperature and below
	Single use / Repeated use	Single use
	Other restrictions and specifications	

TESTS / CALCULATIONS	Screening	One sided screening to MPPO has been carried out on the whole construction at the following conditions: 10 days 40°C
	Specific substances	Water extraction of Al, Pb, Cd and primary aromatic amines has been carried out on the whole construction at the following conditions: 24 hours 23°C. Results Metals: Al < 1 mg/kg, Pb < 10 µg/kg, Cd 5 µg/kg PAAs: Sum < 0,01 mg/kg
	Set off	No set off of volatile organic compounds detected
	Surface to volume	Surface to volume ratio applied 6 dm ² per kg of food
	Organoleptic properties	Organoleptic properties not 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 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.	2021-04-01  Susanna Andersson
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NORMPACK

THE NORMPACK NORM
amended 2019-10-29

- § 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
SFS 2006:804	(EC) 1935/2004 (Framework reg)	(EC) 450/2009 (A&I packaging)
SFS 2006:813	(EC) 2023/2006 (GMP)	85/500/EEC (Ceramics)
LIVSFS 2011:7 (Contact with Foods)	(EC) 178/2002 (General Food Law)	2007/42/EC (Cellophane)
	(EC) 1333/2008 (Additives)	93/11/EEC (N-nitrosamine)
	(EC) 1334/2008 (Flavourings)	(EC) 1895/2005 (Epoxi)
		(EU) 10/2011 (Plastic)
		(EC) 282/2008 (Recycled plastic)
		(EU) 2018/213 (Plast-BPA)

- § 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
The Dutch Packaging and Food-Utensils Regulation (Warenwet), Netherland	Empfehlungen des Bundesinstitutes für Risikobewertung (BfR), Germany. Recommendations on	Code of Federal Regulations, Title 21 Food and Drugs, (FDA), USA §§ 174, 175,

- § 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 measurements

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 www.normpack.se