

## NORMPACK CERTIFICATE

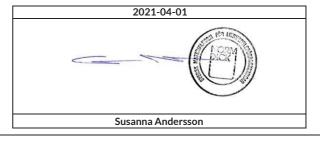
Registration number: 360 04 100 4830 37

	Company / address	Swedbag AB
DESCRIPTION	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)
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	
	Screening	One sided screening to MPPO has been carried out on the whole construction at the following conditions: 10 days
TESTS / CALCULATIONS		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 dm2 per kg of food
	Organoleptic properties	Organoleptic properties not evaluated

ERIFICATON

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.



Valid until: 2023-04-01



## 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
		<u>plastic)</u>
		(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
Utensils Regulation (Warenwet) Netherland	Bundesinstitutes fur Risikohewertung (RfR)	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:
  - a) Worst case calculations
  - b) Migration modelling
  - c) 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