

# NORMPACK CERTIFICATE

Registration number: 287 05 100 4761 40

Valid until: 2026-05-28

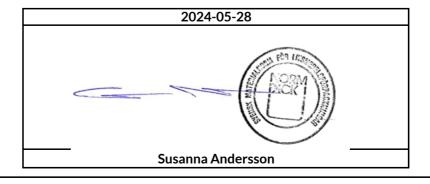
		Company / address	Alfapac AB
			Maskinvägen 2, 694 60 Åsbro
		Trade Name (type and/or art.no)	Alfa 513
	z	All layers in the material, starting	Polyethylene
		with food contact layer	
	(X	Substances with restrictions / SML	4130-42-1, 98-54-4, 592-41-6, 872-05-9, 27176-87-0, 106-89-8, 75-07-0, 2082-79-3, Al, Cu, Zn
	DES	Dual use substances	E170
		Functional barrier according to (EU) No 10/2011	No
_			
		Assessed according to:	(EC) No 1935/2004 Framework regulation
			/FUNN 40/0044 DL (* 1.4* L.)

Assessed according to:	(EC) No 1935/2004 Framework regulation
	(EU) No 10/2011 Plastics, regulations as amended

			All food types
		types:  Evaluated and suitable for time and	OM2 conditions: Long term storage at room temperature and below including hot fill.
<u> </u>	<b>-</b>	temperature:	Cinala vas
Ŀ	ITABI	Single use / Repeated use	Single use
5		Other restrictions and specifications	
		Specifications	

	Overall Migration	Overall migration has been performed to food simulants A:10% Ethanol, B:3% Acetic acid and D2:Veg.oil < 1% unsaponifiable matter, at conditions OM2 10 days 40°C.Results < 10 mg/dm2
	Specific migration	Specific migration has been evaluated by worst case calculation and analysis. Specific migration analysis has been performed to food simulants B:3% Acetic acid (metals and PAA) and 95% EtOH at conditions 10 days 60°C.
TESTS/CALCULATIONS		Results < SML mg/kg Metals in Annex II of (EU) No 10/2011 < SML PAAs in Annex II of (EU) No 10/2011 < SML
TEST	Set off	Not applicable
	Surface to volume	Surface to volume ratio applied 6 dm2 per kg of food
	Organoleptic properties	Organoleptic properties have not been evaluated

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.







### 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
SFS 2006:804	(EC) 1935/2004 (Framework reg)	(EC) 450/2009 (A&I packaging)
SFS 2006:813	(EC) 2023/2006 (GMP)	84/500/EEC (Ceramics)
LIVSFS 2023:5 (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)
		(EU) 2022/1616 (Recycled plastic)
		(EU) 2018/213 (Plastic-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	CoE (metals)
Regulation	<u>Bundesinstitutes für</u>	Code of Federal Regulations. Title 21 Food and Drugs, (FDA), USA §§ 174, 175, 176, 177, 178, 180, 181, 182, 184, 186 and 189	https://www.ed qm.eu/en/food- contact- materials-and- articles

- § 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

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

## Verifikat

Transaktion 09222115557518518871

#### Dokument

#### Normpack certificate 287 05 100 4761 40

Huvuddokument 2 sidor Startades 2024-05-28 09:27:45 CEST (+0200) av Susanna Andersson (SA) Färdigställt 2024-05-28 09:29:42 CEST (+0200)

#### Signerare

#### Susanna Andersson (SA)

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Signerade 2024-05-28 09:29:42 CEST (+0200)

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