



NORMPACK - CERTIFICATE

Registration No:

006 10 100 3190 30

Valid until:

2016-10-28

We declare that our material/article is manufactured in accordance with the Normpack Norm

Trade name (and type):

Uddeholm Steel grades: Low temperature tempered STAVAX ESR, low temperature tempered ELMAX, RAMAX types MIRRAX 40 and ROYALLOY

All layers in the material (start with food contact layer):

Steel

Suitable for food type(s)						Contact time in foreseeable use											
01.Drinks		02.Cereals, cereal products, pastry,		03.Chocolate, sugar and products thereof,		Other material	Foods										
	01.03	02.01	02.04	03.01	03.03	Time	<24h	<6m	<4h								
01.02		02.02	02.05	03.02		Temp. ° C	< 40°	< 40°	< 100°								
		02.03	02.06			DRF: No	Overall Migration					Specific Migration					
04.Fruit, vegetables and products thereof		05.Fats and oils		06.Animal products and egg		Simulants:	A	B	C	D1	D2	A	B	C	D1	D2	E
		05.01		06.01A	06.04A	Time	4 h		x	x	4 h						
04.02A	04.05A	05.02		06.02B.I	06.05	Temp. ° C	100		x	x	70						
04.03				06.03	06.05***	Time	10 d		x	x	10 d						
07.Milk products		08.Miscellaneous products				Temp. ° C	40		x	x	40						
07.01				08.09	08.13	Results mg/kg	<60	Method		Measurement		mg/kg		Method			
	07.04A	08.02	08.06		08.14	Functional barrier	Yes	E.no		No		PAA	<0,01	Metals		<SML	
		08.03	08.07	08.11	08.15	Material/ product	Migration test on the construction					Area,dm²		Vol,dm³			
			08.08	08.12													
The Simulants consists of: A:10% EtOH, B:3% HAc						Simulants	Water		Heptan				Saliva	Method			
C:20% EtOH, D1:50% EtOH, D2:Oil, E:MPPPO						Time								Results			
x=Screening, *Food type 01.04, D2= 95% EtOH						Temp. ° C											
**Whole eggs						Material/ product						<input checked="" type="checkbox"/> Dry food					

CAS-no or PM/ref-no

Restrictions and specifications

Other information

Has the company implemented a system for?

Traceability, Art. 17, L 1935/2004

Yes

The certificate is valid provided that the demands of §3 of the Normpack-Norm are fulfilled

GMP, L 2023/2006

Yes

Declaration Of Compliance (DoC) ?

Yes

If our product is further processed, the manufacturer/processor of the finished product is responsible that the migration demands are met. We also declare that should we on any occasion change the composition of our products in a way that would interfere with the declaration, we will inform your company

Company Uddeholms AB

Web address (URL) <http://www.uddeholm.com/>

Date: 2014-10-28

Signature of product/production responsible:

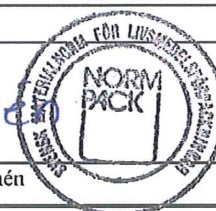
Clarification of signature Petter Damman

The certificate documentation is audited by the Normpack secretariat

Date: 2014-10-28

Normpack stamp and signature

Clarification of signature: Kristina Salmén



2014-02-03