PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET0208D

HOLDER OF CERTIFICATE:

Berry Packaging Norway AS, Kambo

MANUFACTURER: Berry Packaging Norway AS, Kambo, Boks 3054, N-1506 Moss, Norway

MARKING ON PACKAGING: (un) **3H1/Y1.9/150/YR/N/NET0208D - ID**

"YR" to be replaced with the two last digits of the year.
"ID" to be replaced by any identification as decided by the manufacturer.
The packaging shall also be appropriately marked with the month of the manufacture.

PRODUCT:

Packaging code/ volume	Description	Drawing / Product	Material
3H1, Plastics jerricans	Non-removable head	B-30913 / 9457, 4 L	HDPE, details in report
3H1, Plastics jerricans	Non-removable head, corrugated bottom	B-30896A / 9454, 4 L	HDPE, details in report

DIMENSIONS:

#: Weight of jerrican, g	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
1: 130 - 270	4.0	193.5	129	249	40
2: 160 - 270	4.0	193.5	129	249	40

NET Emballasje- og Produkttesting AS
Blekebakkvegen 45
N-3950 Brevik

Telephone +47 900 17025
E-mail: info@net17025.com
Web: www.net17025.com

VAT No.: 990 793 840
Bank account: 6250.05.22351
GPS: 59°03'25'' N 9°40'70'' E

CLOSING MECHANISM:

#: Screw cap	Producer	Drawing	Material	Gasket	Torque
1: 40 mm child resistant	Modulpac AB	40BPP/ 8400002	HDPE, details in report	PET/ PE/ foamed EPE/ PE/ PET	5 Nm
2: 40 mm	Modulpac AB	40PM/ 8400013	HDPE, details in report	Cone	6 Nm
4: 40 mm	Modulpac AB	40PMF/ 8400028	HDPE, details in report	Cone	10 Nm
5: 40 mm child resistant	Modulpac AB	40BPP POM/ 8400002	POM/ HDPE details in report	PET/ PE/ foamed EPE/ PE/ PET	5 Nm
6: 40 mm child resistant	Emballator Växjöplast AB	12445	MB7541/ MB7541	EPE/ALU	5 Nm
7: 40 mm child resistant	Emballator Växjöplast AB	12445	MB7541/ MB7541	EPE/PET	5 Nm

APPROVAL:

The certificate is valid for a maximum of five years, provided no modifications have been made to the packaging design, materials, dimensions, closure system or manner of construction. To ensure validation of the certificate, check the NET website.

NET issues the certification on described product according to delegated authority from Norwegian Directorate for Civil Protection and Emergency Planning (DSB): Legal regulations for Transportation of Dangerous Goods on road and railway - 06/6950-7/BJRU.

NET issues the certification on described product according to delegated authority from Norwegian Maritime Directorate (Sjøfartsdirektoratet) - 200705977-4/5367.1.

NET issues the certification on described product according to an agreement between Norwegian Civil Aviation Authority (Luftfartstilsynet) - 01.03.18 - 18/00114-8.

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REGULATIONS BASED UPON FOR APPROVAL:
UN Recommendations on the Transport of Dangerous Goods.
ADR, European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID, International Regulations on Transport of Dangerous Goods by Rail.
IMDG, International Maritime Dangerous Goods Code, for sea transport.
ICAO, Technical Instructions for the Safe Transport of Dangerous Goods by Air.
IATA, Dangerous Goods Regulations, for the air transport.

APPROVAL IS VALID FOR:
The packaging is valid for packaging group II and III containing liquid substances that do not adversely affect the packaging materials. Permeability test has been carried out according to ADR 6.1.5.7.
Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Packaging #	Closure #	max. vapour pressure, kPa at +50°C
Water	1.9	1	1, 2, 6, 7	143
n-Butyl acetate	1.0	1	1, 2, 6, 7	143
Mixture of hydrocarbons	1.0	1	1, 2, 5, 6, 7	143
Acetic acid	1.1	1	1, 2, 4, 6, 7	143
Wetting solution	1.2	2	1, 2, 6, 7	143
Acetic acid	1.2	2	1, 2, 6, 7	143

DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
NET0208D	16.05.2012	NET	Type testing
NET02T07	07.06.2012	NET	Type testing
NET0208C-1	04.09.2013	NET	Type testing
NET28POM40B	29.03.2017	NET	Additional type testing, cap 5
NET0211D4	17.12.2018	NET	Additional test, cap 6,7
NET0211D5	11.12.2018	NET	Additional test, cap 6,7 W.s.
NET2821A	23.03.2021	NET	Additional test, 40BPP POM
NET2823A	23.03.2021	NET	Additional test, 40BPP
NET2817A2	03.09.2021	NET	Additional test, 40PM
NET2832A	03.09.2021	NET	Additional test, 40PMF

TEST STANDARD:
All tests are performed in accordance with NET accredited test method ATM001. The test method is accredited in accordance with ISO17025 approved by Norsk Akkreditering and based upon ISO16495.
The packagings shall be manufactured, reconditioned and tested under a quality assurance programme which satisfies NET Certification, in order to ensure that each packaging meets the requirements in ADR and the guidelines in ISO 16106.

NORSK AKKREDITERING TEST 259

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BREVIK, NORWAY **10.09.2021** CERTIFICATE IS VALID UNTIL: **30.09.2026**

Geir Morten Johansen
Certification Officer

Rune Madsen Fink
Control Officer

Nordisk Emballasje Testing AS Certification

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