




# PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET1701A

HOLDER OF CERTIFICATE:  
**Petainer Lidköping AB**

**MANUFACTURER:** Petainer Lidköping AB, Plastgatan 3, SE-531 19 Lidköping, SWEDEN

**MARKING ON PACKAGING:**  **1H1/Y1.0/140/YR/N/NET1701A - 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	Description	Drawings	Material
1H1	Plastics drums, non-removable head, 1 l	06661-03	Ramapet R182, Indorama Polymers

## **CLOSING MECHANISM:**

Screw cap	Producer	Drawings	Material	Gasket	Torque
Child resistant	Emballator Växjö Plast AB	11408	POM (inner) /PP (outer)	None	1.75 Nm



## **DIMENSIONS:**

Packaging weight, g	Volume, l	Height, mm	Diameter, mm	Neck size, mm
33.4 - 35	1.0	253	83	33

### 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 delegated authority from Norwegian Civil Aviation Authority (Luftfartstilsynet) - 200701524-6/492/JLU.

### 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. Compatibility testing has been carried out according to ADR/RID with the content listed below:

Content	Max. relative density	Max. vapour pressure, kPa at +50°C
White spirit	1.0	137
Bioethanol, 96% ethanol	1.0	114

### DOCUMENTS BASED UPON FOR APPROVAL:

Report id.	Date	Issued by	Scope
P802381	08.07.2008	SP	Type approval
P905633	07.10.2009	SP	Type approval
Name change of material	December 2010	Indorama	General notice

### 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 and ISO13274.



LERUM, SWEDEN

22.01.2013 CERTIFICATE IS VALID UNTIL:

31.12.2013

A blue ink signature of Susanne E. Dahlberg, written in a cursive style.

Susanne E. Dahlberg  
Certification Officer

A blue ink signature of Rune Madsen Fink, written in a cursive style.

Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing AS Certification*

A large, faint, light blue background logo in the center of the page, resembling a stylized umbrella or a shield with a cross-like shape in the middle.