



# PRODUCT APPROVAL OF PACKAGING FOR TRANSPORTATION OF DANGEROUS GOODS CERTIFICATE NO.: NET105EMPAC-IN

HOLDER OF CERTIFICATE:  
**Aker Biomarine AS**

**4590 kg max**

**MANUFACTURER:**

Empac GmbH, Hollefeldstrasse 22, 48282 Emsdetten,  
Germany

**MARKING ON PACKAGING:**



**13H4/Z/MYY/N**  
**NET105Empac-IN-AKBM-UN2.0**  
**8262/510**

"MYY" to be replaced with the month and year (last two digits) of manufacture.  
The packaging shall also be appropriately marked in accordance with ADR 6.5.2.2.



**PRODUCT:**

Packaging code	Description	Drawings	Material
13H4, Flexible IBCs Woven plastics, coated and with liner	With loops and double Stevedore loops	GSP 90/1, 10E-00/00 PP	PP, details in report



**DIMENSIONS:**

Tare weight, kg	Volume, l	Length, mm	Width, mm	Height, mm	Neck size, mm
4.1	1069	900	900	1200	Ø 445, L 800

**CLOSING MECHANISM:**

Type
Welded bottle neck on inner liner, according to instructions given by producer

**INNER PACKAGING:**

Type	Producer	Drawing	Material	Dimensions
Bottle neck Power Tube liner with sealed valve	Masterpack Group	11265 R2	Multilayer film, details in report	900 * 900 * 1250
Cat valve with filter	Masterpack/ Somsix	11315 CATValve105	Details in report	Ø 105

**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.

**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.

**APPROVAL IS VALID FOR:**

The FIBC is valid for packaging group III containing solids that do not adversely affect the packaging materials.

The FIBC shall always be used according to the requirements of the applicable UN-code and its packaging instructions.

The following test are performed and approved according to ADR:

6.5.6.5 Top lift test

6.5.6.6 Stacking test

6.5.6.9 Drop test

6.5.6.10 Tear test

6.5.6.11 Topple test

6.5.6.12 Righting test

Content	Max. gross weight, kg	Packaging group	Packaging instruction
UN 3497, Krill meal	510	III	IBC08

**DOCUMENTS BASED UPON FOR APPROVAL:**

Report id.	Date	Issued by	Scope
NET105Empac-IN-2	25.06.2021	NET	Type approval

**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 FIBC's shall be manufactured, reconditioned and tested under a quality assurance program which satisfies NET Certification, in order to ensure that each FIBC meets the requirements in ADR and the guidelines in ISO16106. The validity of the certification is based upon a given retest frequency according to test procedure ITM009.



BREVIK, NORWAY

**13.09.2021** CERTIFICATE IS VALID UNTIL:

**30.09.2022**


Geir Morten Johansen  
Certification Officer



Rune Madsen Fink  
Control Officer

*Nordisk Emballasje Testing AS Certification*