



भारतीय पैकेजिंग संस्थान
Indian Institute of Packaging

An autonomous body under the Ministry of Commerce & Industry, Govt. of India

UN CERTIFICATE

No. : **0058428** / 01579

Date: **05 November, 2024**

This is to certify that the samples of the packages / packagings as per the following particulars have been tested in accordance with the provisions of the IMDG CODE, Volume - I for the transportation of the chemicals as specified in the Annexure and have been found to meet the prescribed criteria: -

Name & Address of the Applicant : M/s. ANJANI CLOSURES PVT. LTD.
A-102, HARI KRISHNA RESIDENCY,
PARALLEL TO AHMEDABAD-BARODA EXPRESS WAY,
NEW MANINAGAR, C.T.M, AHMEDABAD-382449, GUJARAT, INDIA

Name of the Exporter : **M/S. ANJANI CLOSURES PVT. LTD.**


Application Reference : Covering Letter - 20 Sep., 2025

Description of the Package : Non-removable head type, plastic Carboys (Jerricans) with leak proof plastic closures (capacity: 10 litre).

Date of Manufacture : 20 Sep., 2025

Quantity of the Package : 21 Nos.

Test Report No. : IIP-AHD/02/03-2021/1256

UN Marking Allotted :  **3H1/Y1.2/100/21**
IND/24001579

Specification of UN Marking : Marking should be legible, durable and readily visible. The marking letters or symbols should have at least 6 mm height (up to 30 kg) or 12 mm height (above 30 kg)

This certificate is issued for the transportation of chemicals reflected in the annexure on the basis of the declaration given by the manufacturer regarding the product / package compatibility.

This certificate has been issued pursuant to the approval issued by **Directorate General of Shipping, Government of India**, and is **valid up to** 19 Sep., 2025

PROFESSOR / ADDITIONAL DIRECTOR / JT. DIRECTOR / DY. DIRECTOR.
AHMEDABAD / MUMBAI / NEW DELHI / KOLKATA / CHENNAI / HYDERABAD

Testing laboratories are authorised by Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India and ISO / IEC 17025 accredited by NABL

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Ahmedabad Centre

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ANNEXURE

Certificate Serial No: 0058428 / 01579

Test Report No.: IIP-AHD/02/03-2021/1256

Packing Group: II

Date: 05 November, 2024

SR. NO	NAME OF THE CHEMICALS	UN NO.	PACKING INSTRUCTION	CLASS	SUB CLASS	MARINE POLLUTANT	EmS
1.	ACETIC ACID, GLACIAL or ACETIC ACID SOLUTION, more than 80% acid, by mass <ul style="list-style-type: none">ACETIC ACID	2789	P001	8	3	-	F-E, S-C

General Remarks:

The report / Annexure does not include the compatibility studies.

The chemicals listed in the Annexure are as declared by the exporter/package manufacturer.

Dr. Amit Singla
Joint Director

LABORATORY TEST REPORT

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Sample Received From: M/s. ANJANI CLOSURES PVT. LTD. A-102, HARI KRISHNA RESIDENCY, PARALLEL TO AHMEDABAD-BARODA EXPRESS WAY, NEW MANINAGAR, C.T.M. AHMEDABAD - 382449, GUJARAT, INDIA	Test Report No	IIP-AHD/02/03-2021/1256
	Date	05 November 2024
	Customer Ref. No./Date	FF-04 / 03 Feb 2021
	Sample Registration Date	05 October, 2024
	Certificate Sr. No. (s)	0058428 / 01579
	Sampling Plan	Sampling done by the party

Sample Description:

One set (21 Nos.) of 10 litres capacity non-removable head type plastic Carboys (Jerricans) with leak proof plastic carboys. The carboys were said to be used for packing of chemicals reflected in the Certificate mentioned above.

For testing purpose, each carboy was filled with water up to 98% of its total capacity at 27°C temperature. The carboy was closed with screw cap, provided with plastic washers.

External length of the carboy : 230.00 mm

External width of the carboy : 196.00 mm

External height of the carboy : 325.00 mm

(Sampling done by the party. Total 21 Nos. of carboy was brought at the institute.)

Test Results/Observation Test done as per: IMDG – CODE, VOLUME I, (Amendment 39-18)

Test	Observation
1 Drop Test (Drop height: 1.20 m.) a) First set of carboys (using three samples) were dropped diagonally on top. b) Second set of carboys (using other three samples) were dropped flat on body wall.	a) No damage was observed on the carboy and entire content was retained inside the carboy. b) No damage was observed on the carboy and entire content was retained inside the carboy.
2 Drop Test after -18°C Temperature Exposure (Drop height: 1.20 m.) a) First set of carboys (using three samples) were dropped diagonally on top. b) Second set of carboys (using other three samples) were dropped flat on body wall.	a) No damage was observed on the carboy and entire content was retained inside the carboy. b) No damage was observed on the carboy and entire content was retained inside the carboy.

Contd....

TESTED BY 

This report is for Private use only. Not to be used for Publicity or Litigation


ASST./DY. DIRECTOR


Dr. AMIT SINGLA
Joint Director & Centre Head
AUTHORISED SIGNATORY

Testing Laboratories of IIP, Ahmedabad are accredited by ISO 9001:2015 from BIS, ISO 17025:2015 from NABL for specified Tests & also Approved by Directorate General of Shipping and Directorate General of Civil Aviation, Govt. of India

LABORATORY TEST REPORT

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Test	Observation
3 Hydraulic pressure test Carboys were subjected for a period of 30 minutes to a hydraulic gauge pressure of 1.0 bar (100 kPa)	Neither rupture nor leakage was observed from the carboys.
4 Leakage Test The carboys were subjected for a period of 5 minutes to an air pressure of 0.2 bar (20 kPa)	No leakage was observed from the closures & seams.
5 Stack load test (Stacking height: 3.0 meters) A superimposed weight was placed on a flat surface resting on the top of the carboy for a period of 28 days . The weight was equivalent to the total weight of the filled identical carboys, which could be stacked on it during the transport.	Neither deformation nor leakage was observed from the carboys.

Conclusion: Passes the tests.

Test Results / Observations

- Average weight of the carboy with plastic plug & screw cap (g) : 641.00
- Maximum external length of the carboy (mm) : 230.00
- Maximum external width of the carboy (mm) : 196.00
- Maximum external height of the carboy (mm) : 325.00
- Maximum length of the cavity at the bottom (mm) : 135.00
- Maximum width of the cavity at the bottom (mm) : 85.00
- Minimum length of the handle (mm) : 100.00
- Minimum thickness of the body of the carboy (mm) : 3.20
- Minimum internal diameter of the mouth opening (mm) : 42.00

General Remarks

- The report does not include the compatibility studies.
- Sampling done and submitted by the party.
- The sample description provided in the report is based on the declaration by the party.
- This report pertains to the submitted samples only.

-----End of Test Report-----

TESTED BY *ABT*

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[Signature]
ASST. DY. DIRECTOR

[Signature]
Dr. AMIT SINGLA
Joint Director & Centre Head
AUTHORISED SIGNATORY

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