

Corporate Address: 1 Sunview Rd, #06-16, EcoTech @ Sunview Singapore - 627615 Website: http://www.errl.co.in | Email Id: contact@errl.co.in

UN CERTIFICATE

Name and address of customer

Test Report No.

PRID/ERRL/1768/22

PRIDE PHARMACHEM

Date of Issue

30th Mar, 2022

F-11, CRYSTAL PLAZA, OPP SANATAN SCHOOL, VALIYA ROAD,

ANKLESHWAR-393002, GUJARAT, INDIA.

Date of Sample Receipt 26th Mar, 2022

Test Report (Open Top Drum)

Description of sample

40 Ltr Removable Head Type Plastic Drum

UN Marking allotted

1H2/Y30/S/*

"*" To be replaced by last two digits of year

SGP/PRID1131

of manufacturing.

Package Identification Code

1H2 - REMOVABLE HEAD TYPE PLASTIC DRUM

Performance Standard

Packaging meets Packing Group Standard II & III

Maximum Package Gross Mass

30 KGS

Tare Weight

2.35 KGS

Singapore

Country Authorizing allocation of Mark

Number and Condition of Sample received

10 samples in Satisfactory condition

Date of performance test

28 - 29th Mar, 2022

Duration of Testing

2 Days

Periodic Retest Date

30th Mar. 2023

Summary of Test results					
UN / Test	UN REFERENCE	Test level	Test Method	Test date	Test results
Drop	6.1.5.3	1.2 m	UN Recommendation	28-03-2022	PASS
Stack	6.1.5.6	131 kgs - 24 Hrs	ISO 2234	29-03-2022	PASS
Dimensions ⁵			340 x 340 x 560 mm		

ERRL Pte Ltd certifies that the packaging referenced above has passed the Performance Oriented Packaging standards outlined in the UN recommendations on the transport of the Dangerous Goods. This package is also certified under UN Regulations. It is the responsibility of the end user to determine authorization for use under these regulations. The use of other packaging methods or components other than those documented in this report may render this certification invalid. During providing statement of conformity as per specification addressed in first line, measurement uncertainty (@ 95% confidence level) is not taken into consideration, as agreed with the customer.

Date of Original Issue : 30th Mar, 2022

Date of Last Revision : -----

Date of Expiry

: 30th Mar, 2023

F/OPN/11, Revision No.04

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TEST REPORT

Dimensions⁵

Cover / Lid

	001017 210		
Parameters	Customer specific information	QC observed values	
Material / Grade / Pigment	HDPE	Plastic (Black)	
Thickness (Minimum)			
Head in mm	2.20 +/- 2%	2.25	
Tare Weight in gm.	280	280 gm	
Outside Diameter in mm	285 +/- 2 mm	290	
Gasket (Material)	Rubber	Rubber	
Closing Ring (Tare Weight in gm)	275 gm	280 gm	
Closing Ring (Material)	MS Ring	Metal	
Supplier / Markings		None	
	Drum		
Parameters	Drum Customer specific information	QC observed values	
Parameters Material / Grade / Pigment		QC observed values Plastic (Blue)	
	Customer specific information		
Material / Grade / Pigment	Customer specific information HM-HDPE	Plastic (Blue)	
Material / Grade / Pigment Tare Weight in kg.	Customer specific information HM-HDPE	Plastic (Blue)	
Material / Grade / Pigment Tare Weight in kg. Thickness (Minimum)	Customer specific information HM-HDPE 2.00 kg +/- 100 gm	Plastic (Blue) 2.35 kgs	
Material / Grade / Pigment Tare Weight in kg. Thickness (Minimum) Body in mm	Customer specific information HM-HDPE 2.00 kg +/- 100 gm 2.20 +/- 2 %	Plastic (Blue) 2.35 kgs 2.19	
Material / Grade / Pigment Tare Weight in kg. Thickness (Minimum) Body in mm Base in mm	Customer specific information HM-HDPE 2.00 kg +/- 100 gm 2.20 +/- 2 %	Plastic (Blue) 2.35 kgs 2.19	
Material / Grade / Pigment Tare Weight in kg. Thickness (Minimum) Body in mm Base in mm Overall Dimensions, (external)	Customer specific information HM-HDPE 2.00 kg +/- 100 gm 2.20 +/- 2 % 2.20 +/- 2 %	Plastic (Blue) 2.35 kgs 2.19 2.24	
Material / Grade / Pigment Tare Weight in kg. Thickness (Minimum) Body in mm Base in mm Overall Dimensions, (external) Diameter in mm	Customer specific information HM-HDPE 2.00 kg +/- 100 gm 2.20 +/- 2 % 2.20 +/- 2 % 320 +/- 10 mm	Plastic (Blue) 2.35 kgs 2.19 2.24 340	

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Name and address of customer PRIDE PHARMACHEM

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on	Observation
on	Observation
First Drop →Package must strike on the chime or circumferentially seam	No Damage or Leakage
	No Damage or Leakage
	No Damage or Leakage
Second Drop → Package must strike on weakest part not tested by first drop	No Damage or Leakage
	No Damage or Leakage
	No Damage or Leakage
-	hime or am Package kest part

Tested Samples were precondition at -18 °C or lower for 24 Hrs.

Tests are performed from Drop Height of 1.2 m

CRITERIA FOR PASSING THE TEST

There can be no leakage to the outer packaging likely to adversely affect safety during transport. Momentary leakage, which is slight and ceases immediately after impact with no further leakage is acceptable.

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Mr. Hirak Vora



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2.0 Stack Load		
Sample No	Preparation	Observation
1	The load was evenly	
2	applied on the sample	
3	for 24 Hrs.	

CRITERIA FOR PASSING THE TEST

No test sample may leak from the inner packaging(s). There can be no deterioration that could adversely affect transport safety or any distortion to reduce the package strength or cause instability in stacks of packages.

Remarks

- Total 3 numbers of replicate test items tested,
- Dimension of the sample tested is referred in page no. 2.
- Tests were conducted on testing samples by putting weights on ply as required for maintaining stack height of 3 meters.
- The gross mass of each package is 31.85 kg and the mass of content in it is 29.50 kg for each package.
- Dummy Commodity was used as content inside the package during the testing.

ALL OTHER WAARANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY THAT THE PACKAGING TESTED IS MERCHANTABLE OR FIT FOR A PARTICULAR PURPOSE ARE DISCLAIMED. In no event shall ERRL Pte Ltd liability exceed the amount paid by Customer, for services rendered. In the event of future changes to the above referenced test standard, it is the responsibility of customer to determine whether additional testing or updating of past testing is necessary to verify that the packaging, we have tested remains in compliance with those standards.

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	APPENDIX 1 : REGULAT	TORY AND INDUSTRY	STANDARD REFERENCE	CES
		REGULATORY STANDAR	D	
TEST	UN Regulation ¹	IMDG Regulation ²	ICAO Regulation ³	IATA Regulation 4
Drop:	6.1.5.3	6.1.5.3	6; 4.3	6; 6.3.3
Stack:	6.1.5.6	6.1.5.6	6; 4.6	6; 6.3.6

	INDUSTRY STANDARD REFERENCES
STACK:	ISO 2234 : 2000 :- Packaging –Complete, filled transport Packages – Stacking Tests using static Load

ISO - International Organization for Standardization

- * Results related to the sample tested only.
- * Test report shall not be reproduced except in full without the written approval of the ERRL Pte. Ltd.
- * Results apply to the sample, as received

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¹ THE United Nations Recommendations on the Transport of dangerous Goods—Model regulations 19th Edition: 2015

² International Maritime Dangerous Goods Code (IMDG) 2016th Edition

³ International Civil Aviation Organization (ICAO) 2017 – 18th Edition

⁴ International Air Transport Association (IATA) Dangerous Goods Regulation 58th Edition

⁵ Marked Parameter is covered under W/OPN/03, Issue 1, Rev. 00, 12–06–2017