



SECTION I: CERTIFICATION


Design Qualification of the Berlin Packaging

**HMS-66490: 1 x 32 oz. Glass Bottle Inside Slip Cover Can with Absorbent Pouch or Vermiculite &
HMS-66421: 1 x 32 oz. Glass Bottle Inside Friction Fit Can with Absorbent Pouch or Vermiculite**

TEN-E Packaging Services, Inc. is a current DOT UN Third-Party Certification Agency under §107.403 and certifies that the Berlin Packaging packaging referenced above has passed the standards of the DEPARTMENT OF TRANSPORTATION'S TITLE 49 CFR; Performance Oriented Packaging Standards, Section 178. This package is also certified under IMDG, ICAO/IATA Regulations and the UN Recommendations on the Transport of Dangerous Goods. 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.

SUMMARY OF PERFORMANCE TESTS


UN / DOT TEST	CFR REFERENCE	TEST LEVEL	TEST CONTENTS	TEST COMPLETED	TEST RESULTS
Drop (Complete pkg's)	178.603	1.8 m	Water/Lead Shot	January 17, 2022	PASS
Drop (slip cover inner)	178.603 (SP 9168)	3.0 m	Water	January 13, 2022	PASS
Drop (friction fit inner)	178.603 (SP 9168)	3.0 m	Water	January 13, 2022	PASS
Stacking (complete pkg.)	178.606	54.4 Kg – 24 Hours	Empty	January 18, 2022	PASS
Stacking (slip cover can)	178.606 (SP 9168)	45.4 Kg – 24 Hours	Water	January 17, 2022	PASS
Stacking (friction fit can)	178.606 (SP 9168)	45.4 Kg – 24 Hours	Water	January 17, 2022	PASS
Pressure (glass)	173.27	28 inHg - 5 Minutes	Refer to note on page 3		PASS
Pressure (can)	173.27	100 kPa - 5 Minutes			
Vibration	178.608	4.0 Hz – 1 Hour	Water/Lead Shot	January 17, 2022	PASS
Cobb	178.516	30 Minutes	---	January 11, 2022	PASS

TEST REPORT NUMBER:	21-MN20512
UN MARKING: (CFR 49 – 178.503)	 4GV / X4.0 / S / ** USA / +AA4056
PACKAGING IDENTIFICATION CODE:	4GV - Fiberboard Box (178.516) & Selective Testing Variation 2 (178.601(g)(2))
PERFORMANCE STANDARD:	X (Packaging meets Packing Group I, II and III tests)
AUTHORIZED GROSS MASS:	4.0 Kg (8.8 Lbs.)
"S" DESIGNATION:	Denotes Inner Packagings
YEAR OF MANUFACTURE:	** Insert year the packaging is manufactured
STATE AUTHORIZING THE MARK	USA
PACKAGING CERTIFICATION AGENCY:	(+AA) TEN-E Packaging Services, Inc. (Newport, MN CAA #2006030022)
THIRD PARTY PACKAGING IDENTIFICATION:	+AA4056
PERIODIC RETEST DATE:	January 18, 2024
CLIENT CA OR SP NUMBER:	DOT-SP 9168

ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY THAT THE PACKAGING TESTED IS MERCHANTABLE OR FIT FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. In no event shall TEN-E Packaging Services, Inc. liability exceed the total amount paid by Berlin Packaging for services rendered. In the event of future changes to the above referenced test standards, it is the responsibility of Berlin Packaging 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.

MANUFACTURER:

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