

Periodic Compliance Report Form 4G

Ref: WI LA 038

Original - Periodic Retest File

Date of Periodic Test 6/20/2024, Zacros AmericaPeriodic Retest Report # 24-038Ref. Original Design Report # 305Specification No. CUA8520, CUA7263Description 20L 38mm Hybrid Top Handle Cubitainer PackageA. Closure TorqueClosure application torque of 20 in-lb was used for all tests.B. Flap Closure Method

Hot Glue

C. Dustcover Installation - COM0943 (Only required for Cubitainer)Dustcover was secured in top flap using 3m tape # 375, 48mm wide.
The tape extends 2" side panels of the box.**Procedure:**A. 0° Drop Test (CFR 49 Sec. 178.603)Five samples were filled to no less than 98% capacity with a water / propylene glycol solution (sp.gr. 1.0g/mL minimum) and conditioned in a freezer until container and contents were reduced to -18°C or lower. After conditioning each sample was dropped from a height of 1.5m meters onto a surface using various attitudes.

* All paper & fiberboard packagings were conditioned for 24 hours at 50% RH / 23°C.

B. Stacking Test (CFR 49 Sec. 178.606)Three samples were filled to no less than 98% capacity with water and subjected to a load of 665 lbs each for 24 hours.

* All paper & fiberboard packagings were conditioned for 24 hours at 50% RH / 23°C.

C. Vibration Test (CFR 49 Sec. 178.608)

Three samples were filled to no less than 98% capacity with water and subjected to one (1) hour vibration test each.

Results:A. Drop Test

<u>Sample</u>	<u>Attitude</u>	<u>Result</u> (Pass or Fail)
1	Flat on Bottom	<u>Pass</u>
2	Flat on Top	<u>Pass</u>
3	Flat on Long Side	<u>Pass</u>
4	Flat on Short Side	<u>Pass</u>
5	On a Corner	<u>Pass</u>

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B. Stacking Test (passed / failed, without / by)

The three samples Passed the stacking test without becoming unstable or leakage.

C. Vibration Test (passed / failed, without / by)

The three samples Passed the vibration test Without becoming unstable or leakage.

Tested By: 
Signature

Comments and Conclusions:

1. This combination packaging meets all periodic test requirements of Category 4G for Packing Group II substances having a specific gravity of 1.5 or less and all packagings covered by this report may continue to be marked as follows:



4G / Y32 / S / *
USA / M6270

* last 2 digits, year of mfg.

2. This combination packaging is due for periodic retest prior to 6/20/2026.

Approved by: Tyler Weatherby

Title: Project Engineer

Throw out date 6/20/2026 (2 years from test date)