

SKOLNIKTESTING PERFORMED BY SKOLNIK INDUSTRIES, INC.
TESTING LAB - AKA: "SDCC"
4900 South Kilbourn Avenue Chicago, Illinois 60632

ID NUMBER

22-078

TEST NUMBER

045**UN DRUM QUALIFICATION TEST REPORT****- PERIODIC RE-TESTING -**

Qualification Testing and Periodic Retesting for steel drums is performed in accordance with applicable sections of the following:
U.N. Recommendations on the Transport of Dangerous Goods, 49 CFR §173.22 and .24, §178.2, §178.600 through §178.606 and .608
in addition to Skolnik Industries, Inc. Procedure SOP - 11.1.

U.N. MARKING: **1A1/X1.4/250**PART NUMBER: **CQ1003**TEST DATE: **September 30, 2022**
(Periodic Retesting is required within 12 months from test date)**DRUM DESCRIPTION**

| | | | |
|--|---------------------------|-----------------------|--|
| DRUM TYPE: | Tight Head | ROLLING HOOPS: | Two |
| MATERIAL: | Carbon Steel | RING: | N/A |
| THICKNESS: <small>(top/body/bottom)</small> | 0.9 / 0.9 / 0.9 mm | NUT/BOLT TYPE: | N/A |
| CAPACITY: | 10 Gallon | CLOSING INSTRUCTIONS: | PQ 080 Rev. F |
| INSIDE DIAMETER: | 14.0" | GASKET: | N/A |
| OVERALL HEIGHT: | 19.25" | CHIME TYPE: | Box Chime |
| PACKAGING GROUP: | I Liquids | SEAM CONSTRUCTION: | Overlap Weld |
| SPECIFIC GRAVITY: | 1.4 | FITTINGS: | 2" & 3/4" TS in Cover PT2000A PT3000A Buna Gasket |
| SOLIDS GROSS WEIGHT: | N/A | DRUM TARE WEIGHT: | 7 kg |
| MAXIMUM CAPACITY: | 11.9 Gallon | | |

TESTING**DROP TEST - SOLIDS**

49 CFR §178.603

| | |
|---------------------|------------|
| CONTENTS USED: | N/A |
| CAPACITY FILLED TO: | N/A |
| SOLID DROP HEIGHT: | N/A |
| RESULTS, TEST 1: | N/A |
| RESULTS, TEST 2: | N/A |

DROP TEST - LIQUIDS

49 CFR §178.603

| | |
|---------------------|---|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| LIQUID DROP HEIGHT: | 2.1 m |
| RESULTS, TEST 1: | PASS <small>3 samples dropped on bottom chime</small> |
| RESULTS, TEST 2: | PASS <small>3 samples dropped onto top chime</small> |

STACKING TEST - SOLIDS

49 CFR §178.606

| | |
|---------------------|------------|
| CONTENTS USED: | N/A |
| CAPACITY FILLED TO: | N/A |
| TEST WEIGHT: | N/A |
| RESULTS: | N/A |

STACKING TEST - LIQUIDS

49 CFR §178.606

| | |
|---------------------|---|
| CONTENTS USED: | Water |
| CAPACITY FILLED TO: | 98% |
| TEST WEIGHT: | 570.5 kg <small>3 samples maintained for 24 hours</small> |
| RESULTS: | PASS |

LEAKPROOFNESS TEST

49 CFR §178.604

| | |
|----------------|--|
| TEST PRESSURE: | 34.5 kPa <small>3 samples held for (5) minutes</small> |
| RESULTS: | PASS |

VIBRATION STANDARD

49 CFR §178.608

The vibration standard criteria as set forth in 49 CFR § 178.608 was successfully reviewed upon design qualification testing for this type of container.
Past performance has indicated no failures.

HYDROSTATIC TEST

49 CFR §178.605

| | |
|----------------|---|
| TEST PRESSURE: | 250 kPa <small>3 samples held for (5) minutes</small> |
| RESULTS: | PASS |

TEST PERSONNEL

Moises Basso
Moises Basso
Inspection and Testing Manager

APPROVAL

Mike McKinley
Mike McKinley
Director of Quality Assurance