

SKOLNIK

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

ID NUMBER

24-018

TEST NUMBER

1038

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/X1.8/300

PART NUMBER:

CQ5516CB2

TEST DATE:

March 22, 2024

(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: (top/body/bottom)	1.5 / 1.5 / 1.5 mm	NUT/BOLT TYPE:	N/A
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. F
INSIDE DIAMETER:	22.50"	GASKET:	N/A
OVERALL HEIGHT:	35.37"	CHIME TYPE:	Round Chime/Chime Band
PACKAGING GROUP:	I Liquids	SEAM CONSTRUCTION:	Overlap Weld
SPECIFIC GRAVITY:	1.8	FITTINGS:	2" & 3/4" TS in Cover PT2000A PT3000A Buna Gasket
SOLIDS GROSS WEIGHT:	N/A	DRUM TARE WEIGHT:	29.5 kg
MAXIMUM CAPACITY:	57.8 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:	2.7 m
RESULTS, TEST 1:	PASS 3 samples dropped on bottom chime
RESULTS, TEST 2:	PASS 3 samples dropped onto top chime

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:	1794 kg 3 samples maintained for 24 hours
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.

LEAKPROOFNESS TEST

49 CFR §178.604

TEST PRESSURE:	34.5 kPa 3 samples held for (5) minutes
RESULTS:	PASS

HYDROSTATIC TEST

49 CFR §178.605

TEST PRESSURE:	300 kPa 3 samples held for (5) minutes
RESULTS:	PASS

TEST PERSONNEL

Moises Basilio

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Inspection and Testing Manager

APPROVAL

Michael McKinley

Michael McKinley
Director of Quality Assurance

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