

SKOLNIK

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

ID NUMBER TEST NUMBER

21-099**014****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:

1A2/Y425/S
1A2/Y1.2/100

PART NUMBER:

CQ5504
HM5504

TEST DATE:

(Periodic Retesting is required within
 12 months from test date)

November 10, 2021**DRUM DESCRIPTION**

DRUM TYPE:	Open Head	ROLLING HOOPS:	Three
MATERIAL:	Carbon Steel	RING:	HP Bolt Ring RBH2212
THICKNESS: (top/body/bottom)	1.2 / 0.9 / 0.9 mm	NUT/BOLT TYPE:	5/8" - 11 UNC-2A x 4.00" BT5840 NT5800
CAPACITY:	55 Gallon	CLOSING INSTRUCTIONS:	PQ 080 Rev. D
INSIDE DIAMETER:	22.50"	GASKET:	"D" EPDM GE5500
OVERALL HEIGHT:	34.7"	CHIME TYPE:	Round Chime
PACKAGING GROUP:	II Solids II Liquids	SEAM CONSTRUCTION:	Overlap Weld
SPECIFIC GRAVITY:	1.2	FITTINGS:	2" & 3/4" Rieke in Cover PR2041 PR3041 - EPDM Gasket 2" TS in Body PT2000A - Buna Gasket
SOLIDS GROSS WEIGHT:	425 kg	DRUM TARE WEIGHT:	19 Kg
MAXIMUM CAPACITY:	57 Gallon		

TESTING**DROP TEST - SOLIDS**

49 CFR §178.603

CONTENTS USED:	Sand and Steel Plates
CAPACITY FILLED TO:	95%
SOLID DROP HEIGHT:	1.2 m
RESULTS, TEST 1:	PASS 3 samples dropped on bottom chime
RESULTS, TEST 2:	PASS 3 samples dropped onto ring at 45 degrees

DROP TEST - LIQUIDS

49 CFR §178.603

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
LIQUID DROP HEIGHT:	1.2 m
RESULTS, TEST 1:	PASS 3 samples dropped on bottom chime
RESULTS, TEST 2:	PASS 3 samples dropped onto ring at 45 degrees

STACKING TEST - SOLIDS

49 CFR §178.606

CONTENTS USED:	Sand and Steel Plates
CAPACITY FILLED TO:	95%
TEST WEIGHT:	1920 kg 3 samples maintained for 24 hours
RESULTS:	PASS

STACKING TEST - LIQUIDS

49 CFR §178.606

CONTENTS USED:	Water
CAPACITY FILLED TO:	98%
TEST WEIGHT:	1192 kg 3 samples maintained for 24 hours
RESULTS:	PASS

LEAKPROOFNESS TEST

49 CFR §178.604

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

TEST PERSONNEL

Moises Basilio
 Moises Basilio
 Inspection and Testing Manager

HYDROSTATIC TEST

49 CFR §178.605

TEST PRESSURE:	100 kPa 3 samples held for (5) minutes
RESULTS:	PASS

APPROVAL

Michael A. McKinley
 Mike McKinley
 Director of Quality Assurance