

ORIGINAL

LANXESS
Energizing Chemistry

LANXESS Sales Netherlands B.V.
Groot Egtenrayseweg 23
5928 PA Venlo

Ship To

URMI CHEMICALS LP
129/131 KAZI SAYED STREET
9, HAFIZAN BUILDING, 5TH FLOOR
400003 MUMBAI-VADGADI
INDIA

Certificate of Analysis

Cust. PO No.	STAR/B/3781
Customer No.	3030576
Order No.	3505912
Delivery No.	83966066
Delivery Date	02-Apr-23
Shipping Point	TW Outside Warehouse
Container/Trailer/PRO	*

ATTN: URMI CHEMICALS LP

Material Number: 80001642 - Hydrobromic Acid 48%, Purified/300 KG POLYROUND DRUM

Batch: 741220651	Manufacture Date: 09-Dec-22	Quantity: 64	DR
	Review By Date: 09-Dec-23		

Characteristic	Unit	Result	Specification	Method
App: Clear, colorless to yellow liquid	-	Pass		VISUAL
Specific Gravity	SPG	1.496	≥ 1.480	QC03039
Assay	%	48.5	48.0 - 49.0	QC03040
Chlorides (Cl-)	ppm	17	≤ 100	QC03041
Iron (Fe2O3)	ppm	< 1	≤ 2	QC03042
Free Bromine	%	< 0.001	≤ 0.005	QC03043
Sulfates (SO4)	ppm	< 10	≤ 10	QC03044
Non-Volatile Residue	%	0.00	≤ 0.01	QC03045
Color, APHA	num	8	≤ 50	QC03046
Heavy Metals (Pb)	ppm	< 1	≤ 3	QC03047

IEC CODE : 0399029486
GST NO: 27AAAFU2434Q1ZT
INDENT: STAR/B/3781
PO: URMI-202212

*** End ***

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The above results are based on specification number 4001034 effective 2017-07-21.

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