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Certificate of Analysis

Product	77644 - Bromoform extrapure, 98% - [75-25-2]
Batch No	4031026
Analysis Date	30-Apr-2024
Date of Manufacture	April 2024
Expiry Date/Re-Test Date	April 2029
Molecular Formula	CHBr ₃
Molecular Weight	252.73

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Almost colourless to yellow	Almost colourless
Appearance (Form)	Liquid	Liquid
Assay (GC) (excluding stabilizer)	min. 98%	98.08%
Density (g/ml) @ 20°C	2.880-2.900	2.880
Refractive Index (20°C)	1.597-1.598	1.597
Boiling Range	148-150°C	148-150°C
Melting Point	5-8°C	8°C
Non Volatile Matter	max. 0.1%	0.002%
Acidity (HBr)	max. 0.005%	0.0008%
Substance Discoloured by H ₂ SO ₄	Passes test	Passes
Stabilizer (Ethanol)	1% ethanol	Present

FRM/82/11/2/77644 Rev No. 2 Date 03/10/2023

Prepared by Udit

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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