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Certificate of Analysis

Product 70790 - Ethylene Diamine extrapure AR, 99.5% -
[107-15-3]
Batch No 9671331
Analysis Date 20-Apr-2024
Date of Manufacture April 2024
Expiry Date/Re-Test Date April 2029
Molecular Formula C2H8N2
Molecular Weight 60.10

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99.5%	99.99%
Density (g/ml) @ 20°C	0.893 - 0.897	0.893
Refractive Index (20°C)	1.455 -1.457	1.455
Melting Point	10-12°C	11°C
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO4)	max. 0.001%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Sulphated Ash	max. 0.005%	0.001%
Water (KF)	max. 1%	0.4%

FRM/82/11/2/70790 Rev No. 1 Date 01/11/2015

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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