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Certificate of Analysis

Product	52145 - N,N,N,N-Tetramethyl Ethylenediamine (TEMED) for molecular biology, 99.5% - [110-18-9]
Batch No	1763251
Analysis Date	04-Mar-2024
Date of Manufacture	March 2024
Expiry Date/Re-Test Date	March 2029
Molecular Formula	C6H16N2
Molecular Weight	116.21

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99.5%	99.6%
Density (g/ml) @ 20°C	0.773 - 0.777 g/ml	0.773 g/ml
Refractive Index (20°C)	1.417 - 1.419	1.417
Boiling Range	120 - 122°C	120 - 122°C
Water (KF)	max. 1%	0.2%
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/52145 Rev No. 4 Date 01/07/2018

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Taloja – 410 208, Maharashtra, India

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