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Certificate of Analysis

Product 70816 - tert-Butyl Alcohol extrapure AR, 99.5% - [75-65-0]
Batch No 2825113
Analysis Date 27-May-2024
Date of Manufacture May 2024
Expiry Date/Re-Test Date May 2029
Molecular Formula C4H10O
Molecular Weight 74.12

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.5%	99.96%
Density (g/ml) @ 25°C	0.773-0.778	0.773
Refractive Index (20°C)	1.384-1.386	1.384
Boiling Range	82-83°C	82-83°C
Freezing Point	25-26°C	25°C
Non Volatile Matter	max. 0.001%	0.0003%
Acidity (CH3COOH)	max. 0.001%	0.0006%
Iron (Fe)	max. 0.00002%	Passes
Heavy Metals (Pb)	max. 0.00005%	Passes
Copper (Cu)	max. 0.00001%	Passes
sec Butyl alcohol (GC)	max. 0.2%	Passes
Aldehyde & Ketones (C3H7CHO)	max. 0.01%	Passes
Water (KF)	max. 0.1%	0.03%

FRM/82/11/2/70816 Rev No. 3 Date 27/04/2022

Prepared by Sanket

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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