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## Certificate of Analysis

<b>Product</b>	<b>90248 - tert-Butyl Alcohol for HPLC, 99.7% - [75-65-0]</b>
<b>Batch No</b>	<b>2577775</b>
<b>Analysis Date</b>	25-Oct-2023
<b>Date of Manufacture</b>	October 2023
<b>Expiry Date/Re-Test Date</b>	October 2028
<b>Molecular Formula</b>	C4H10O
<b>Molecular Weight</b>	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. 99.7%	99.98%
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
Non Volatile Matter	max. 0.0005%	0.0001%
Acidity (CH <sub>3</sub> COOH)	max. 0.001%	0.0006%
Water (KF)	max. 0.05%	0.02%
%T (Transmission) in a 1cm cell v/s H <sub>2</sub> O		.
@215nm	≥10	35
@230nm	≥30	77
@250 nm	≥63	97
@300-350nm	≥99	100

FRM/82/11/2/90248 Rev No. 2 Date 12/09/2017

Prepared by **Sujit**

In compliance with the standard specifications of SRL

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

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

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