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## Certificate of Analysis

**Product** **84758 - Benzyl Alcohol extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.7%, aldehyde 100ppm - [100-51-6]**

**Batch No** **9476740**

**Analysis Date** 06-May-2024

**Date of Manufacture** May 2024

**Expiry Date/Re-Test Date** July 2024

**Molecular Formula** C<sub>7</sub>H<sub>8</sub>O

**Molecular Weight** 108.14

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, Ph.Eur	Complies
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 10	Passes
Assay (GC)	min. 99.7%	99.99%
Density (g/ml) @ 20°C	1.040-1.045	1.040
Refractive Index (20°C)	1.540-1.542	1.540
Boiling Range	202-205°C	Passes
Sulphated Ash	max. 0.005%	0.0008%
Acidity (C <sub>6</sub> H <sub>5</sub> COOH)	max. 0.01%	0.0009%
pH	5.5-7.5	6.79
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Aldehydes (C <sub>6</sub> H <sub>5</sub> CHO)	max. 0.01%	0.0013%
Acetophenone (C <sub>6</sub> H <sub>5</sub> COCH <sub>3</sub> )	max. 0.02%	Passes
Chlorinated compounds (Cl)	max. 0.005%	Passes
Peroxide (H <sub>2</sub> O <sub>2</sub> )	max. 0.001%	0.001%
Miscibility with water (1:25)	Clear & colourless	Clear & colourless
Water (KF)	max. 0.1%	0.03%

FRM/82/11/2/84758 Rev No. 3 Date 19/06/2016

Prepared by **Sujit**

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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