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Certificate of Analysis

Product	10105 - Benzoic Acid extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.9% - [65-85-0]
Batch No	5716374
Analysis Date	03-Oct-2023
Date of Manufacture	October 2023
Expiry Date/Re-Test Date	October 2028
Molecular Formula	C7H6O2
Molecular Weight	122.12

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of BP	Passes
Appearance (Colour)	White	White
Appearance (Form)	Crystalline compound	Crystalline compound
Solubility (Turbidity) 10% solution in methanol	Clear	Clear
Solubility (Colour) 10% solution in methanol	Colourless	Colourless
Assay (by Neutralization)	min. 99.9%	99.9%
Melting Point	121 - 123°C	121.9°C
Sulphated Ash	max. 0.005%	0.003%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Sulphur compounds	max. 0.002%	Passes
Substances reducing Permanganate (O)	max. 0.008%	Passes
Chlorinated compounds (Cl)	max. 0.005%	Passes
Insoluble matter in alcohol	max. 0.005%	0.003%

FRM/82/11/4/10105 Rev No. 2 Date 07/06/2022

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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