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Certificate of Analysis

Product	97745 - Phenol Crystalline extrapure AR, ACS, ExiPlus, Multi-Compendial, 99.5% - [108-95-2]
Batch No	8459725
Analysis Date	17-Dec-2023
Date of Manufacture	December 2023
Expiry Date/Re-Test Date	December 2028
Molecular Formula	C6H6O
Molecular Weight	94.11

Test Parameters	Standards	Actual Results
ExiPlus	meets compendial specs of USP, BP	Complies
Appearance (Colour)	White	White
Appearance (Form)	Crystalline	Crystalline
Appearance (Clarity)	Solid	Solid
Solubility	5% aq.& 8.2% aq.solution at 15°C is clear,colourless	Clear,colourless
Assay	min. 99.5%	99.99%
Melting Point	40 - 41°C	41°C
Boiling Point	182°C	182°C
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Non Volatile Matter	max. 0.01%	0.0005%
Cresols (GC)	max. 0.1%	Passes
Water (KF)	max. 0.2%	0.15%
Stabilizer	0.15% H3PO2	Present

FRM/82/11/2/97745 Rev No. 2 Date 17/02/2020

Prepared by Akshay

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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