



**SISCO  
RESEARCH  
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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>17286 - Phenol Crystalline for molecular biology, 99.5% - [108-95-2]</b>
<b>Batch No</b>	<b>2680694</b>
<b>Analysis Date</b>	08-Jan-2024
<b>Date of Manufacture</b>	January 2024
<b>Expiry Date/Re-Test Date</b>	January 2029
<b>Molecular Formula</b>	C6H6O
<b>Molecular Weight</b>	94.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	crystalline compound	Crystalline Compound
Solubility	5% aq. solution is clear & colourless	Clear , Colourless
Assay (GC)	min.99.5%	99.99%
Melting Point	40 - 41°C	41°C
pH (5% aq. solution)	4.5 - 6.0	5.96
Non Volatile Matter	max 0.01%	0.0005%
Chloride (Cl)	max. 0.0005%	Passes
Sulphate (SO4)	max. 0.005%	Passes
Iron (Fe)	max. 0.0001%	Passes
Heavy Metals (Pb)	max. 0.0001%	Passes
Cresols (GC)	max. 0.1%	Passes
Water (KF)	max. 0.2%	0.08%
DNase, RNase, Protease	Not detected	Not Detected

FRM/82/11/2/17286 Rev No. 2 Date 17/02/2020

Prepared by Ashish

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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