

Certificate of Analysis

Date of Testing: 2023-12-14 08:48:17

Date of Next Testing: 2025-12-03 08:48:17

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications & Purity: 98%

Lot #: L2308012

SKU #: **P108715****Analysis: 151767**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	100.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
PHVisualtransition interval	7.8-10	9.16
Purity(HPLC)	98-100 (%)	98.79700 %
Chloride (Cl-)	0-100 (ppm)	35.00 ppm
Loss on drying	0-0.5 (%)	0.00 %
Sulfate Ash	0-0.1 (%)	0.09 %
Melting point	258-263 (°C)	262.77000 °C
Appearance (P108715)	White to Off-White Powder	White to Off-White Powder
Solubility in hot EtOH(95vol%)	almost transparency	almost transparency
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager