

## Certificate of Analysis

Date of Testing: 2023-09-20 14:32:10

Date of Next Testing: 2025-09-09 14:32:10

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications &amp; Purity: 98%

Lot #: L2107519

SKU #: **P108715****Analysis: 278777**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	52.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	4.82 ppm
Melting point	258-263 (°C)	259.60000 °C
PHVisualtransition interval	7.8-10	8.90
Purity(HPLC)	98-100 (%)	99.51100 %
Chloride (Cl-)	0-100 (ppm)	25.00 ppm
Sulfate Ash	0-0.1 (%)	0.03 %
Loss on drying	0-0.5 (%)	0.25 %
Appearance (P108715)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot EtOH(95vol%)	almost transparency	almost transparency

John Su  
QA & QC Manager