

Certificate of Analysis

Date of Testing: 2024-06-26 10:52:23

Date of Next Testing: 2026-06-16 10:52:23

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications & Purity: $\geq 98\%$

Lot #: F2421462

SKU #: **P108715**

Version: **0**

Analysis #: **366008**

Parameter	Limit Values	Result
Sulfate(SO ₄ ²⁻)	0-200 (ppm)	97.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
PHVisualtransition interval	7.8-10	9.22
Purity(HPLC)	98-100 (%)	99.76400 %
Chloride (Cl ⁻)	0-100 (ppm)	25.00 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Loss on drying	0-0.5 (%)	0.45 %
Melting point	258-263 (°C)	262.71000 °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