

Certificate of Analysis

Date of Testing: 2024-05-29 11:10:06
Date of Next Testing: 2026-05-19 11:10:06
Product Name: **Phenolphthalein**
CAS Number: 77-09-8
Specifications & Purity: $\geq 98\%$
Lot #: E2421342
SKU #: **P108715**
Version: **0**
Analysis #: **362729**

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	121.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Melting point	258-263 (°C)	262.39000 °C
PHVisualtransition interval	7.8-10	9.00
Purity(HPLC)	98-100 (%)	99.79200 %
Chloride (Cl-)	0-100 (ppm)	13.00 ppm
Sulfate Ash	0-0.1 (%)	0.00 %
Loss on drying	0-0.5 (%)	0.49 %
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