

## Certificate of Analysis

Date of Testing: 2024-09-18 16:26:41  
Date of Next Testing: 2026-09-08 16:26:41  
Product Name: **Phenolphthalein**  
CAS Number: 77-09-8  
Specifications & Purity:  $\geq 98\%$   
Lot #: L2220227  
SKU #: **P108715**  
Version: **0**  
Analysis #: **412246**

Parameter	Limit Values	Result
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-200 (ppm)	100.00 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Melting point	258-263 (°C)	262.75000 °C
PHVisualtransition interval	7.8-10	9.14
Purity(HPLC)	98-100 (%)	98.79500 %
Chloride (Cl <sup>-</sup> )	0-100 (ppm)	34.96 ppm
Sulfate Ash	0-0.1 (%)	0.09 %
Loss on drying	0-0.5 (%)	0.00 %
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