

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-25 13:43:40

Date of Next Testing: 2027-03-15 13:43:40

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications & Purity: $\geq 98\%$

Lot #: C2520713

SKU #: **P108715**

Version: **0**

Analysis #: **477567**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO42-)	0-200 (ppm)	0.00000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.00000 ppm
PHVisualtransition interval	7.8-10	9.43000
Purity(HPLC)	98-100 (%)	99.85600 %
Chloride (Cl-)	0-100 (ppm)	0.00000 ppm
Loss on drying	0-0.5 (%)	0.18768 %
Melting point	258-263 (°C)	262.50000 °C
Sulfate Ash	0-0.1 (%)	0.00000 %
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