

Certificate of Analysis

Date of Testing: 2023-08-23 15:06:02

Date of Next Testing: 2025-08-12 15:06:02

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications & Purity: 98%

Lot #: H2317072

SKU #: **P108715**

Analysis: 151767

| Parameter | Limit Values | Result |
|--------------------------------|---------------------------|---------------------------|
| Sulfate(SO42-) | 0-200 (ppm) | 100.00 ppm |
| Heavy metal (as Pb) | 0-10 (ppm) | 0.00 ppm |
| PHVisualtransition interval | 7.8-10 | 9.16 |
| Purity(HPLC) | 98-100 (%) | 98.79700 % |
| Chloride (Cl-) | 0-100 (ppm) | 35.00 ppm |
| Loss on drying | 0-0.5 (%) | 0.00 % |
| Sulfate Ash | 0-0.1 (%) | 0.09 % |
| Melting point | 258-263 (°C) | 262.77000 °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 |



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QA & QC Manager