

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 #: L2220232
SKU #: **P108715**
Version: **0**
Analysis #: **412246**

| Parameter | Limit Values | Result |
|---|---------------------------|---------------------------|
| Sulfate(SO ₄ ²⁻) | 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 ⁻) | 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 |



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