

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2021-12-10 11:48:05

Date of Next Testing: 2023-11-30 11:48:05

Product Name: **Phenolphthalein**

CAS Number: 77-09-8

Specifications & Purity: Ph Eur.,BP,98 %

Lot #: L2107517

SKU #: **P108716****Analysis: 056931**

| Parameter | Limit Values | Result |
|-------------------------------|--------------|--------------|
| Loss on drying | 0-0.5 (%) | 0.03 % |
| Assay | 98-101 (%) | 99.92 % |
| Melting point | 261-263 (°C) | 262.93000 °C |
| Ignition Residue (as sulfate) | 0-0.1 (%) | 0.00 % |
| Chloride (Cl-) | 0-100 (ppm) | 25.00 ppm |
| Sulfate(SO42-) | 0-200 (ppm) | 52.00 ppm |
| Heavy metal (as Pb) | 0-0.001 (%) | 0.00 % |

John Su
QA & QC Manager