

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-11-16 16:31:01

Date of Next Testing: 2028-11-15 16:31:01

Product Name: **Phthalic acid**

CAS Number: 88-99-3

Specifications & Purity: AR, ≥99.5%

Lot #: K2415410

SKU #: **P104116**

Version: **1**

Analysis #: **437840**

Storage Temperature: Room temperature

| Parameter                                                             | Limit Values             | Result                   |
|-----------------------------------------------------------------------|--------------------------|--------------------------|
| Iron(Fe)                                                              | 0-0.0005 (%)             | 0.00000 %                |
| Heavy metal (as Pb)                                                   | 0-0.001 (%)              | 0.00000 %                |
| Sulfate(SO42-)                                                        | 0-0.02 (%)               | 0.00000 %                |
| Chloride (Cl-)                                                        | 0-0.002 (%)              | 0.00000 %                |
| Purity (Titration by NaOH)                                            | 99.5-100.5 (%)           | 99.70000 %               |
| Ignition Residue (as sulfate)                                         | 0-0.02 (%)               | 0.01200 %                |
| Appearance (P104116)                                                  | White Powder or Crystals | White Powder or Crystals |
| Infrared spectrum                                                     | Conforms to Structure    | Conforms to Structure    |
| Proton NMR spectrum                                                   | Conforms to Structure    | Conforms to Structure    |
| Solubility in MeOH , Colorless to Faint Yellow,Clear to hazy,100mg/ml | pass                     | Pass                     |



John Su  
QA & QC Manager