

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-29 16:12:10

Date of Next Testing: 2029-09-28 16:12:10

Product Name: **o-Phthalic anhydride**

CAS Number: 85-44-9

Specifications & Purity: ACS

Lot #: L2116447

SKU #: **P116468**

Version: **0**

Analysis #: **574303**

Storage Temperature: Room temperature, Argon charged

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Melting point                       | 128-134 (°C)          | 132.80000 °C          |
| Iron(Fe)                            | 0-5 (ppm)             | 1.21000 ppm           |
| Ignition Residue                    | 0-0.01 (%)            | 0.00500 %             |
| Chloride (Cl-)                      | 0-0.002 (%)           | 0.00100 %             |
| Sulfate(SO42-)                      | 0-0.003 (%)           | 0.00150 %             |
| Heavy metal (as Pb)                 | 0-5 (ppm)             | 1.90000 ppm           |
| Purity(Morpholine Titration by HCl) | 98.5-101.5 (%)        | 101.48000 %           |
| Appearance (P116468)                | white flakes          | white flakes          |
| Infrared spectrum                   | Conforms to Structure | Conforms to Structure |



John Su  
QA & QC Manager