

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-01-22 14:41:50  
Date of Next Testing: 2026-01-21 14:41:50  
Product Name: **o-Phthalic anhydride**  
CAS Number: 85-44-9  
Specifications & Purity: Analytical Reagent,99%  
Lot #: A2220456  
SKU #: **P116466**  
**Analysis:** **064559**  
Storage Temperature: Argon charged

| Parameter            | Limit Values                   | Result                         |
|----------------------|--------------------------------|--------------------------------|
| Heavy metal (as Pb)  | 0-10 (ppm)                     | 6.00 ppm                       |
| Chloride (Cl-)       | 0-0.005 (%)                    | 0.00 %                         |
| Sulfate(SO42-)       | 0-0.001 (%)                    | 0.00 %                         |
| Ignition Residue     | 0-0.025 (%)                    | 0.01 %                         |
| Melting point        | 129-133 (°C)                   | 132.55000 °C                   |
| Purity(GC)           | 99-100 (%)                     | 99.13 %                        |
| Appearance (P116466) | White Powder ,Flakes, or Chips | White Powder ,Flakes, or Chips |
| Proton NMR spectrum  | Conforms to structure          | Conforms to Structure          |



John Su  
QA & QC Manager