

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 11:29:41
Date of Next Testing: 2029-12-28 11:29:41
Product Name: **p-Phthalic acid (PTA)**
CAS Number: 100-21-0
Specifications & Purity: $\geq 99\%$
Lot #: L2522040
SKU #: **P108506**
Version: **0**
Analysis #: **566587**

| Parameter | Limit Values | Result |
|-----------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC) | 99-100 (%) | 99.84300 % |
| Sulfate Ash | 0-0.001 (%) | 0.00 % |
| Water by Karl Fischer | 0-0.2 (%) | 0.20 % |
| Appearance (P108506) | White to Off-White Powder or Crystals | White to Off-White Powder or Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |
| Solubility in 1M NaOH | almost transparency | almost transparency |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager