

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-12-05 17:58:57  
 Date of Next Testing: 2029-12-04 17:58:57  
 Product Name: **p-Phthalic acid (PTA)**  
 CAS Number: 100-21-0  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: L2504033  
 SKU #: **P108506**  
 Version: **0**  
 Analysis #: **566587**  
 Storage Temperature: Room temperature

| Parameter             | Limit Values                          | Result                                |
|-----------------------|---------------------------------------|---------------------------------------|
| Purity(HPLC)          | 99-100 (%)                            | 99.84300 %                            |
| Sulfate Ash           | 0-0.001 (%)                           | 0.00000 %                             |
| Water by Karl Fischer | 0-0.2 (%)                             | 0.20000 %                             |
| 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