

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 16:00:28

Date of Next Testing: 2028-09-25 16:00:28

Product Name: **Phthalic acid**

CAS Number: 88-99-3

Specifications & Purity: ACS, ≥99.5%

Lot #: I2426431

SKU #: **P104115**

Version: **3**

Analysis #: **402473**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
sulfide (S2-)	0-0.005 (%)	0.00000 %
Purity (Titration by NaOH)	99.5-100.5 (%)	99.86000 %
Heavy metals	0-0.001 (%)	0.00000 %
Iron(Fe)	0-0.001 (%)	0.00000 %
Insoluble matter (4% in 10% Na ₂ CO ₃)	0-0.05 (%)	0.00000 %
Ignition Residue	0-0.02 (%)	0.00000 %
Water by Karl Fischer	0-0.5 (%)	0.48000 %
Chloride (Cl-)	0-0.001 (%)	0.00000 %
(NO ₃)Nitrate	0-0.005 (%)	0.00000 %
Appearance (P104115)	white crystalline powder	white crystalline powder
Solubility in MeOH, Colorless to Faint Yellow, Clear to hazy, 100mg/ml	Pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager