

Certificate of Analysis

Date of Testing: 2023-02-25 17:58:58

Date of Next Testing: 2027-02-24 17:58:58

Product Name: **Phthalic acid**

CAS Number: 88-99-3

Specifications & Purity: ACS, ≥99.5%

Lot #: B2323572

SKU #: **P104115****Analysis: 129635**

Parameter	Limit Values	Result
sulfide (S ²⁻)	0-0.005 (%)	0.00 %
Ignition Residue	0-0.02 (%)	0.00 %
Water by Karl Fischer	0-0.5 (%)	0.23 %
Chloride (Cl ⁻)	0-0.001 (%)	0.00 %
Purity (Titration by NaOH)	99.5-100.5 (%)	100.17 %
Heavy metals	0-0.001 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
(NO ₃)Nitrate	0-0.005 (%)	0.00 %
Insoluble matter (4% in 10% Na ₂ CO ₃)	0-0.05 (%)	0.00000 %
Appearance (P104115)	white crystalline powder	white crystalline powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager