

Certificate of Analysis

Date of Testing: 2025-05-12 13:35:12

Date of Next Testing: 2028-05-11 13:35:12

Product Name: **ortho-Phosphoric acid 85%**

CAS Number: 7664-38-2

Specifications & Purity: Premium-Grade Reagents, Suitable for Analysis, ISO, ACS

Lot #: E2509023

SKU #: **O707049**

Version: **1**

Analysis #: **512792**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	85-102.5 (%)	85.65000 %
Chloride (Cl-)	0-0.0002 (%)	0.00 %
Chroma/black unit	0-10	10.00000
Volatile acid(calculated as H)	0-0.0002 (mmol/g)	0.00020 mmol/g
Sulfate(SO4)	0-0.001 (%)	0.00000 %
Nitrate(NO3)	0-0.0003 (%)	0.00000 %
Arsenic(As)	0-0.00005 (%)	0.00000 %
Sodium(Na)	0-0.025 (%)	0.00 %
Potassium(K)	0-0.003 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Manganese(Mn)	0-0.0002 (%)	0.00 %
Nickel(Ni)	0-0.0003 (%)	0.00 %
Copper(Cu)	0-0.0003 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Cadmium(Cd)	0-0.0003 (%)	0.00 %
Lead(Pb)	0-0.0005 (%)	0.00 %
Reducing substance(As H3PO3)	0-0.005 (%)	0.00500 %
Appearance(colorless liquid)	pass	Pass



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager