

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-30 14:00:30

Date of Next Testing: 2029-03-29 14:00:30

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

CAS Number: 7664-38-2

Specifications & Purity: Ph.Eur., Suitable for Analysis, ACS, Premium pure

Lot #: C2624036

SKU #: **O433778**

Version: **1**

Analysis #: **531105**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(alkalimetric)	85-102.5 (%)	85.77000 %
Chloride (Cl ⁻)	0-2 (ppm)	1.00000 ppm
Fluoride (F ⁻)	0-1 (ppm)	0.05000 ppm
Nitrate(NO ₃)	0-3 (ppm)	2.00000 ppm
Phosphite and Hypophosphite(as H ₃ PO ₃)	0-20 (ppm)	18.00000 ppm
Heavy metal (as Pb)	0-10 (ppm)	9.00000 ppm
Sulfate(SO ₄)	0-20 (ppm)	15.00000 ppm
Arsenic(As)	0-0.5 (ppm)	0.02000 ppm
Calcium(Ca)	0-20 (ppm)	12.00000 ppm
Cadmium(Cd)	0-0.5 (ppm)	0.02500 ppm
Cobalt(Co)	0-0.5 (ppm)	0.03600 ppm
Copper(Cu)	0-0.5 (ppm)	0.02200 ppm
Iron(Fe)	0-10 (ppm)	5.00000 ppm
Potassium(K)	0-5 (ppm)	4.00000 ppm
Magnesium(Mg)	0-5 (ppm)	2.00000 ppm
Manganese(Mn)	0-0.5 (ppm)	0.02400 ppm
Sodium(Na)	0-200 (ppm)	198.00000 ppm
Nickel(Ni)	0-1 (ppm)	0.20000 ppm
Lead(Pb)	0-0.5 (ppm)	0.02500 ppm
Antimony(Sb)	0-5 (ppm)	2.00000 ppm
Zinc(Zn)	0-2 (ppm)	0.00000 ppm
Volatile acids (as Acetic acid)	0-10 (ppm)	0.00000 ppm
Substances reducing potassium permanganate (as O)	0-10 (ppm)	0.00000 ppm
Insoluble matter	0-10 (ppm)	0.00000 ppm
Appearance(O433778)	Colorless Liquid	Colorless liquid



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Parameter

Appearance of solution

Matter precipitated by ammonia

Limit Values

Conforms

passes test

Result

Conforms

Passes test

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

John Su
QA & QC Manager