

## Certificate of Analysis

Date of Testing: 2022-01-18 15:22:54  
Date of Next Testing: 2026-01-17 15:22:54  
Product Name: **Phosphoric acid**  
CAS Number: 7664-38-2  
Specifications & Purity: Guaranteed Reagent, ≥85 wt. % in H<sub>2</sub>O  
Lot #: A2211578  
SKU #: **P112026**  
Analysis: **096464**

Parameter	Limit Values	Result
Reducing Substances	0-0.005 (%)	0.00 %
Iron(Fe)	0-0.001 (%)	0.00 %
Zinc(Zn)	0-0.0005 (%)	0.00 %
Sodium(Na)	0-0.025 (%)	0.00 %
Potassium(K)	0-0.003 (%)	0.00 %
Color test (APHA)	0-10 (APHA)	5.00 APHA
Nickel(Ni)	0-0.0003 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.001 (%)	0.00 %
Volatile acid	0-0.0002 (mmol/g)	0.00 mmol/g
(Pb)Lead	0-0.0005 (%)	0.00 %
Manganese(Mn)	0-0.0002 (%)	0.00 %
Assay	85-100 (%)	92.95 %
(NO <sub>3</sub> )Nitrate	0-0.0003 (%)	0.00 %
Chloride (Cl <sup>-</sup> )	0-0.0002 (%)	0.00 %
Cadmium(Cd)	0-0.0003 (%)	0.00 %
Copper(Cu)	0-0.0003 (%)	0.00 %
(As)Arsenic	0-0.5 (ppm)	0.00 ppm
Appearance(P112026)	Colorless liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su  
QA & QC Manager