

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2023-11-01 13:44:28
Date of Next Testing: 2027-10-31 13:44:28
Product Name: **Perchloric acid**
CAS Number: 7601-90-3
Specifications & Purity: Guaranteed Reagent,70.0-72.0%
Lot #: J2317095
SKU #: **P112072**
Analysis: **289998**

Parameter	Limit Values	Result
Manganese(Mn)	0-0.00005 (%)	0.00005 %
Iron(Fe)	0-0.00005 (%)	0.00005 %
Total Nitrogen	0-0.0005 (%)	0.00050 %
Sulfate(SO42-)	0-0.0005 (%)	0.00050 %
Free chlorine(Cl2)	0-0.0005 (%)	0.00050 %
Insoluble matter in Ethanol	0-0.001 (%)	0.00000 %
Chlorate(ClO3)	0-0.001 (%)	0.00100 %
Phosphate(PO4)	0-0.0002 (%)	0.00020 %
Silver (Ag)	0-0.0005 (%)	0.00050 %
Chloride (Cl-)	0-0.0001 (%)	0.00010 %
Assay	70.0-72.0 (%)	71.23000 %
Copper(Cu)	0-0.1 (ppm)	0.00000 ppm
Ignition Residue (as sulfate)	0-0.003 (%)	0.00000 %
Lead(Pb)	0-0.00001 (%)	0.00001 %
Color test (APHA)	0-10	10.00000
Fluosilicate(SiO3)	0-0.005 (%)	0.00500 %
(As)Arsenic	0-0.05 (ppm)	0.05000 ppm

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

John Su
QA & QC Manager