

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-25 21:17:02

Date of Next Testing: 2026-07-24 21:17:02

Product Name: **Potassium tetraborate tetrahydrate**

CAS Number: 12045-78-2

Specifications & Purity: AR, ≥99.5%

Lot #: G2222669

SKU #: **P112975**

Version: **0**

Analysis #: **107879**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Zinc(Zn)	0-50 (ppm)	0.00000 ppm
Copper(Cu)	0-50 (ppm)	0.00000 ppm
Calcium(Ca)	0-50 (ppm)	10.00000 ppm
Cobalt(Co)	0-50 (ppm)	0.00000 ppm
Sulfate(SO42-)	0-50 (ppm)	44.80000 ppm
purity by titration	99.5-100 (%)	99.66000 %
(Pb)Lead	0-50 (ppm)	0.00000 ppm
Sodium(Na)	0-5000 (ppm)	2421.00000 ppm
Chloride (Cl-)	0-50 (ppm)	42.90000 ppm
Iron(Fe)	0-50 (ppm)	2.00000 ppm
Cadmium(Cd)	0-50 (ppm)	0.00000 ppm
Nickel(Ni)	0-50 (ppm)	0.00000 ppm
Appearance (P112975)	white powder	White powder
Solubility,1g/5ml water	Clear colorless	Clear Colorless
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager