

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-27 13:40:35

Date of Next Testing: 2027-12-27 13:40:35

Product Name: **Sodium tetraborate pentahydrate**

CAS Number: 12179-04-3

Specifications & Purity: 48.6% to 49.3%(Calculated as B₂O₃)

Lot #: L2411376

SKU #: **S741876**

Version: **1**

Analysis #: **429463**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Sulfate(SO ₄)	0-0.01 (%)	0.00490 %
Insoluble matter in H ₂ O	0-0.02 (%)	0.00430 %
Chloride (Cl ⁻)	0-0.012 (%)	0.00500 %
Iron(Fe)	0-0.001 (%)	0.00040 %
B ₂ O ₃	48.6-49.3 (%)	48.90000 %
NA ₂ B ₄ O ₇ ·5H ₂ O	101-103 (%)	102.20000 %
Na ₂ O	21.6-21.9 (%)	21.80000 %
ICP:Confirms Na component	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager