

Certificate of Analysis

Date of Testing: 2025-01-10 15:16:35

Date of Next Testing: 2028-01-10 15:16:35

Product Name: **Di-Sodium tetraborate**

CAS Number: 1330-43-4

Specifications & Purity: PrimorTrace™, anhydrous, SuperPure grade, ≥99.99% metals basis

Lot #: A2507600

SKU #: **D431901**

Version: **1**

Analysis #: **461254**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Chloride Content	0-5 (ppm)	0.00000 ppm
Phosphate(PO ₄)	0-5 (ppm)	0.00000 ppm
silicate (as SiO ₂)	0-5 (ppm)	0.00 ppm
Sulfate(SO ₄)	0-50 (ppm)	0.00000 ppm
Barium(Ba)	0-10 (ppm)	0.00 ppm
Calcium(Ca)	0-5 (ppm)	0.00 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.00 ppm
Cerium(Ce)	0-0.05 (ppm)	0.00 ppm
Cobalt(Co)	0-0.1 (ppm)	0.00 ppm
Chromium(Cr)	0-0.05 (ppm)	0.00 ppm
Copper(Cu)	0-0.1 (ppm)	0.00 ppm
Europium(Eu)	0-0.05 (ppm)	0.00 ppm
Iron(Fe)	0-0.1 (ppm)	0.00 ppm
Potassium(K)	0-50 (ppm)	0.00 ppm
Lanthanum(La)	0-0.05 (ppm)	0.00 ppm
Lithium(Li)	0-5 (ppm)	0.00 ppm
Magnesium(Mg)	0- 0.1 (ppm)	0.00 ppm
Manganese(Mn)	0-0.05 (ppm)	0.00 ppm
Nickel(Ni)	0-0.05 (ppm)	0.00 ppm
Lead(Pb)	0-0.05 (ppm)	0.00 ppm
Rubidium(Rb)	0-5 (ppm)	0.00000 ppm
Scandium(Sc)	0-0.05 (ppm)	0.00000 ppm
Samarium(Sm)	0-0.05 (ppm)	0.00 ppm
Strontium(Sr)	0-5 (ppm)	0.00 ppm
Thallium(Tl)	0-0.05 (ppm)	0.00000 ppm

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Parameter	Limit Values	Result
Yttrium(Y)	0-0.05 (ppm)	0.00 ppm
Ytterbium(Yb)	0-0.05 (ppm)	0.00000 ppm
Zinc(Zn)	0-0.05 (ppm)	0.00 ppm
Purity(metallic)	99.99-100 (%)	100.00000 %
Purity(acidimetry)	98.5-101.5 (%)	100.76000 %
Appearance(D431901)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager