

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-16 11:17:58

Date of Next Testing: 2028-04-05 11:17:58

Product Name: **Tetrabromophenol blue (TBPB)**

CAS Number: 4430-25-5

Specifications & Purity: high-purity, ≥95%(HPLC)

Lot #: D2614152

SKU #: **T100507**

Version: **1**

Analysis #: **692385**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Absorbance(0.5 mg/dl, pH 4.6, 610.0 - 614.0 nm)	>0.3	0.33800
Ignition Residue (as sulfate)	0-0.1 (%)	0.05000 %
Purity(HPLC)	95-100 (%)	95.35600 %
Loss on drying	0-3 (%)	1.50000 %
Appearance (T100507)	White to yellow powder or crystals	White to yellow powder or crystals
PH Transition interval, pH3.0(Yellow-Green) - pH4.6(blue)	Conforms	Conforms
Solubility in EtOH , clear, 7.5mg/ml	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager