

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-04-17 18:27:35
 Date of Next Testing: 2028-04-06 18:27:35
 Product Name: **Tetrabromophenol blue (TBPB)**
 CAS Number: 4430-25-5
 Specifications & Purity: high-purity, ≥95%(HPLC)
 Lot #: D2613066
 SKU #: **T100507**
 Version: **1**
 Analysis #: **695652**
 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	0.35000
Ignition Residue (as sulfate)	0-0.1 (%)	0.00000 %
Purity(HPLC)	95-100 (%)	99.00000 %
Loss on drying	0-3 (%)	2.00000 %
Appearance (T100507)	White to yellow powder or crystals	White to yellow powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
PH Transition interval, pH3.0(Yellow-Green) - pH4.6(blue)	Conforms	Conforms
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , clear, 7.5mg/ml	Pass	Pass



John Su
QA & QC Manager