

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing: 2025-06-18 15:35:24
Date of Next Testing: 2027-06-08 15:35:24
Product Name: **Tetrabromophenol blue (TBPB)**
CAS Number: 4430-25-5
Specifications & Purity: high-purity, ≥95%(HPLC)
Lot #: F2517726
SKU #: **T100507**
Version: **1**
Analysis #: **516746**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Absorbance(0.5 mg/dl, pH 4.6, 610.0 - 614.0 nm)	>0.3	0.61200
Ignition Residue (as sulfate)	0-0.1 (%)	0.03250 %
Loss on drying	0-3 (%)	0.11500 %
Purity(HPLC)	95-100 (%)	95.16000 %
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