

# Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0838	
Compound name	Bromophenol blue	
Chemical name	4,4'-(1,1-Dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromo-phenol]	
Batch number	E1049-1-1	
Batch molecular formula	C <sub>19</sub> H <sub>10</sub> Br <sub>4</sub> O <sub>5</sub> S	
Batch molecular weight	669.96	
Method	QC requirement	QC Result
UV/Vis absorbtion (at 1%, 1cm, pH 3.1, 437 nm)	350-385	Meets specification: 361
UV/Vis absorbtion (at 1%, 1cm, pH 4.6, 591 nm)	940-1000	Meets specification: 986
Physical appearance	Beige to orange solid	Meets specification: Orange solid
Solubility	Soluble in ethanol (0.1% by mass)	Meets specification

Produced by

Signature

Passed by

Signature

Date

23-04-19

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.