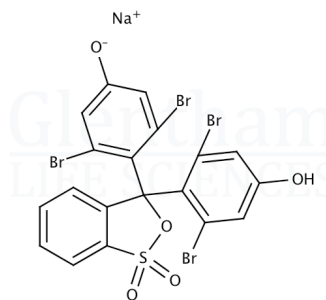


Certificate of Analysis

Product Name	Bromophenol Blue sodium salt
Glentham Code	GT3694
CAS Number	34725-61-6
EINECS	252-170-2
MDL Number	MFCD00013793
Batch Number	871RVS
Molecular Weight	691.96
Molecular Formula	$C_{19}H_9Br_4NaO_5S$
Storage Temp.	+20°C



Property	Specification	Batch 871RVS
Physical Description	Dark blue-black, brown or grey powder	Dark brown to grey powder
Dye Content	≥ 90%	Conforms
Solubility (0.1% in water)	Clear, dark red or blue solution	Conforms
pH Transition Range	3.0 - 4.6 (green-yellow to blue-violet)	Conforms
Wavelength of Maximum Absorption	434 - 439 nm (pH 3.0, λ1)	438nm
	590 - 594 nm (pH 4.6, λ2)	591nm
Absorptivity (E1%, 1cm cell)	320 - 370 (pH 3.0, at λ1)	365
	880 - 980 (pH 4.6, at λ2)	942
Loss on Drying	≤ 5.0%	3.42%

Specification Version	v1.0
Manufacture Date	2014-07-02
Re-Test Date	2025-03-10

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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