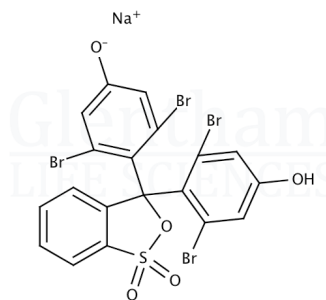


## Certificate of Analysis

Product Name	Bromophenol Blue sodium salt
Glentham Code	GT3694
CAS Number	34725-61-6
EINECS	252-170-2
Numéro MDL	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](http://www.glentham.com) or contact us using the details above for the current version of this document.

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