

Glentham Life Sciences Ltd Unit 5 Leafield Way Corsham SN13 9SW United Kingdom

+44 (0) 1225 667 798 t: f: +44 (0) 2033 978 909 e: info@glentham.com www.glentham.com

## 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

Na
0-
Br Br
Br OH
S Br
// <b>\`</b> 0

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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