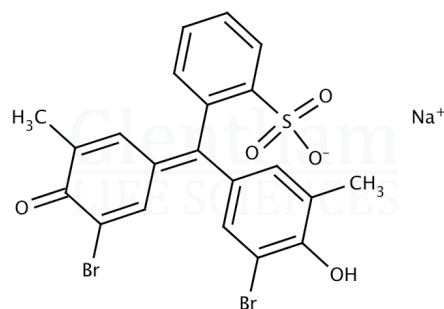


Certificate of Analysis

Product Name	Bromocresol Purple sodium salt
Glentham Code	GT2398
CAS Number	62625-30-3
EINECS	263-655-3
MDL-Nummer	MFCD00148896
PubChem SID	310268869
Batch Number	059TSX
Molecular Weight	562.22
Molecular Formula	$C_{21}H_{15}Br_2NaO_5S$
Storage Temp.	+20°C



Property	Specification	Batch 059TSX
Physical Description	Purple-brown to dark orange crystalline powder	Dark orange crystalline powder
Transition Range	5.2 - 6.8 (yellow to purple)	Entspricht
Solubility (0.1% in water)	Clear, red-yellow to green-yellow solution	Clear, red-yellow solution
Wavelength of Maximum Absorption (λ_{max})	587.0 - 591.0 nm (0.1M NaOH)	588.0nm
Absorptivity (1%/1cm)	≥ 850 (λ_{max})	945
Loss on Drying	$\leq 7.0\%$ (110°C, 1h)	3.47%
Dye Content (Spectrophotometry)	$\geq 90.0\%$	97.8%

Specification Version	v1.0
Manufacture Date	2019-03-01
Re-Test Date	2030-08-28

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.

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025