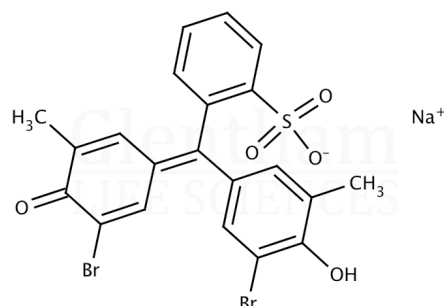


Certificate of Analysis

Product Name Bromocresol Purple sodium salt
Glenthams Code GT2398
CAS Number 62625-30-3
EINECS 263-655-3
MDL Number 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)	Conforms
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

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

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