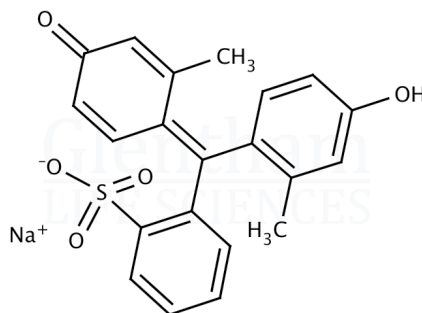


## Certificate of Analysis

Product Name m-Cresol Purple sodium salt  
Glentham Code GT4965  
CAS Number 62625-31-4  
EINECS 263-656-9  
MDL Number MFCD00010177  
PubChem SID 310276075  
Batch Number 534DET

Molecular Weight 404.42  
Molecular Formula  $C_{21}H_{17}NaO_5S$   
Storage Temp. +20°C



Property	Specification	Batch 534DET
Physical Description	Dark orange, brown or black powder	Dark red-brown powder
Identification (IR)	To conform to standard	Conforms
Wavelength of Maximum Absorption ( $\lambda_{max}$ )	433.0 - 439.0 nm (pH 7)	435.5nm
Absorptivity (1%/1cm)	$\geq 350$ ( $\lambda_{max}$ , pH 7)	419
pH Transition Range	1.2 - 2.8 (pink to brown/yellow)	Conforms
	7.4 - 9.0 (brown/yellow to purple)	Conforms

Specification Version v1.1  
Manufacture Date 2018-08-01  
Re-Test Date 2031-10-25

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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