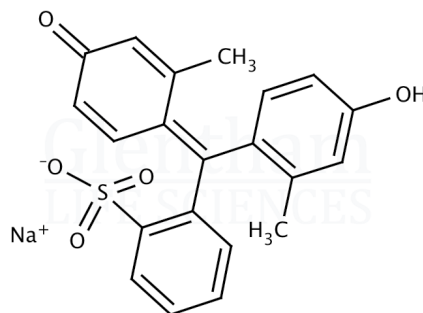


Certificate of Analysis

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 (λ_{max})	433.0 - 439.0 nm (pH 7)	435.5nm
Absorptivity (1%/1cm)	≥ 350 (λ_{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 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