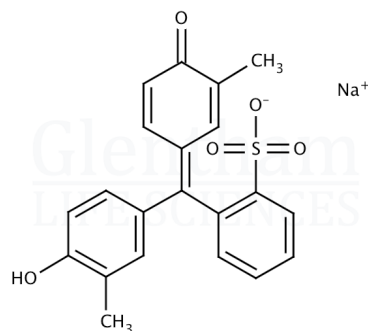


Certificate of Analysis

Product Name Cresol Red sodium salt
Glentham Code GT1602
CAS Number 62625-29-0
EINECS 263-654-8
Numéro MDL MFCD00001618
PubChem SID 310270538
Batch Number 233JTP

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



Property	Specification	Batch 233JTP
Physical Description	Red to orange or brown powder	Red-orange powder
Solubility (1% in water)	Clear, yellow solution	Clear, yellow solution
pH Transition Range	6.8 - 8.8 (yellow to purple)	Conforms
Wavelength of Maximum Absorption (λ_{max1})	431.0 - 438.0 nm	434.6 nm
Wavelength of Maximum Absorption (λ_{max2})	569.0 - 576.0 nm	572.8 nm
Absorptivity (1%/1cm)	400 - 550 (λ_{max1} , pH 6.8)	492
Absorptivity (1%/1cm)	900 - 1100 (λ_{max2} , pH 8.8)	993
Loss on Drying	$\leq 10.0\%$ (110°C)	2.81%
Dye Content (Spectrophotometry)	$\geq 85.0\%$	94.6%

Specification Version v1.0
Manufacture Date 2018-12-12
Re-Test Date 2029-03-12

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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