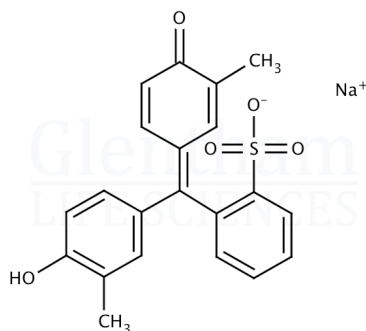


Product Specification

Product Name	Cresol Red sodium salt
Glentham Code	GT1602
CAS Number	62625-29-0
EINECS	263-654-8
MDL Number	MFCD00001618
PubChem SID	310270538
Molecular Weight	404.42
Molecular Formula	$C_{21}H_{17}NaO_5S$
Storage Temp.	+20°C



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

Specification Version	-	v1.0
Date Created	-	2019-03-14

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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