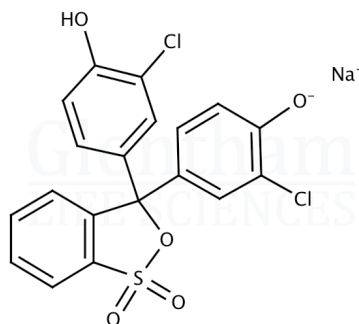


Certificate of Analysis

Product Name	Chlorophenol Red sodium salt
Glentham Code	GT3351
CAS Number	123333-64-2
EINECS	224-619-2
MDL Number	MFCD00151199
PubChem SID	310270028
Batch Number	251XNP

Molecular Weight	445.26
Molecular Formula	C ₁₉ H ₁₁ Cl ₂ NaO ₅ S
Storage Temp.	+20°C



Property	Specification	Batch 251XNP
Physical Description	Red to dark brown crystalline powder	Rust coloured powder
Identification (IR)	To conform to standard	Conforms
Solubility (0.1% in water)	Clear, red solution	Clear, red solution
pH Transition Range	~4.6 to ~6.4 (yellow to violet-red/purple)	Conforms
Wavelength of Maximum Absorption (λ_{max})	572 - 578 nm	Conforms
UV-VIS Absorption	≥ 22000 (0.01g/L, water, at λ_{max})	Conforms
Loss on Drying	$\leq 10.0\%$	5.56%

Specification Version	v1.0
Manufacture Date	2019-05-06
Re-Test Date	2029-07-10

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