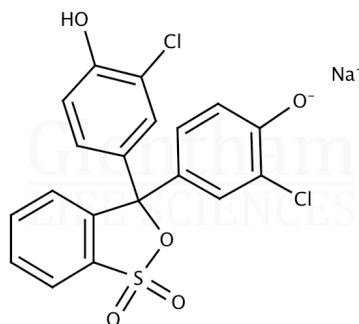


Certificate of Analysis

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 $C_{19}H_{11}Cl_2NaO_5S$
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.

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