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Product Specification

CAS Number4430-20-0EINECS224-619-2MDL NumberMFCD00005877PubChem SID310270027Molecular Weight432.28Molecular Formula $C_{19}H_{12}Cl_2O_5S$			
Glentham Code GT3722 CAS Number 4430-20-0 EINECS 224-619-2 MDL Number MFCD00005877 PubChem SID 310270027 Molecular Weight 432.28 Molecular Formula C ₁₉ H ₁₂ Cl ₂ O ₅ S	Product Name	Chlorophenol Red	
EINECS224-619-2MDL NumberMFCD00005877PubChem SID310270027Molecular Weight432.28Molecular Formula $C_{19}H_{12}Cl_2O_5S$	Glentham Code	GT3722	
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Molecular Formula C ₁₉ H ₁₂ Cl ₂ O ₅ S	PubChem SID	310270027	
	Molecular Weight	432.28	
	Molecular Formula	C ₁₀ H ₁₂ Cl ₂ O ₅ S	
Storage Temp. +20°C	Storage Temp.	+20°C	

Property	Specification
Physical Description	Red to green, red-brown or brown powder or crystals
Solubility (0.1% in ethanol)	Clear, orange, dark orange or red-orange solution
pH Transition Range(s)	4.6 - 7.3 (yellow to purple)
Wavelength of Maximum Absorption (λ max)	573.0 - 577.0 nm (0.1M NaOH)
Absorptivity (1%/1cm)	≥ 1500 (λmax, dried basis)
Loss on Drying	≤ 8.0% (1hr at 110 °C)
Assay (spectrophotometry)	≥ 90.0%

Specification Version	-	v1.1
Date Created	-	2020-11-03

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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