



Certificate of Analysis

Chlorophenol Red

Catalog Number: CR1002
Lot Number: 0927901
CAS Number: 4430-20-0
Molecular Formula: $C_{19}H_{12}Cl_2O_5S$
Molecular Weight: 423.27
Storage: 15°-30°C
Retest Date: September 29, 2024

Test	Specification	Result
Appearance	Red powder	Conforms
Solubility	Clear solution (0.1% in EtOH)	Conforms
Visual Transition Range	pH 4.8 (Brownish yellow)- pH 6.4 (Red violet)	Conforms
Loss on Drying	≤ 8%	6.25%
Dye content	≥ 70%	74%
Absorptivity 1%/1 cm, (0.1 N NaOH at 575 nm): 1057		

Approved by:

Date: October 1, 2019

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