

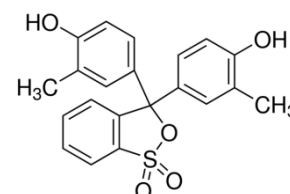


Product Specification

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CRESOL RED INDICATOR AR

PRODUCT CODE	290415
SYNONYMS	--
C.I. NO.	--
CASR NO.	(1733-12-6)
ATOMIC OR MOLECULAR FORMULA	C₂₁H₁₈O₅S
ATOMIC OR MOLECULAR WEIGHT	382.44
PROPERTIES	O-cresol-sulfonphthalein, an acid -base indicator.
PARAMETER	LIMIT
pH Transition Range	pH 0.5 - 2.5 Pink - Brownish yellow pH 6.5 - 8.5 Yellow - Purple
Absorption maximum	
1 (pH 0.5)	517 - 520 nm
2 (pH 2.5)	432 - 436 nm
3 (pH 6.5)	432 - 436 nm
4 (pH 8.5)	571 - 574 nm
Absorptivity(A1% / 1 cm at	1180 - 1230
1 max (pH 0.5);	490 - 540
2 max (pH 2.5);	490 - 540
3 max (pH 6.5);	1000 - 1050
4 max (pH 8.5);	
on dried substance)	
MAXIMUM LIMIT OF IMPURITY	
Loss on drying (at 110°C)	5.0%
Note(s) : Assay (if applicable) method mentioned.	
WARNING Hazard statements: Not hazardous. No hazards. Precautionary statements Prevention: ---- Response: ----	IMDG Code : UN No. : IATA :
Disposal: -----	
Hazard Pictogram(s) :--	



Replace date 17-June-2023