

Cresol red, Hi-AR™

GRM144


Product Identifier

CAS No.	:	1733-12-6
EC No.	:	217-064-2
Molecular Formula	:	C ₂₁ H ₁₈ O ₅ S
Molecular Weight	:	382.43
Synonym	:	o-Cresolsulphonphthalein
HS Code	:	2934 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Green to maroon to black crystals or powder
Solubility	:	20 ppm in alcohol yields clear solution
Absorption maxima	:	571 - 575 nm (5 ppm in water + 20 mL pH 9.0 boric buffer)
Molar absorptivity	:	>= 50000 (5 ppm in water + 20 mL pH 9.0 boric buffer at 571 - 575 nm)
Loss on drying (at 110°C, 1 hr)	:	<= 5.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P305+P351+P338
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
WGK	:	3