

Bromocresol purple, Hi-Cert[™]/ACS

GRM119


Product Identifier

CAS No.	:	115-40-2
EC No.	:	204-087-8
Molecular Formula	:	C ₂₁ H ₁₆ Br ₂ O ₅ S
Molecular Weight	:	540.22
Synonym	:	5-5'-Dibromo-o-cresolsulphonphthalein
HS Code	:	2934 99 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Grey to light purple or pink to yellow-tan crystals or powder
Solubility	:	20 ppm in 50% ethanol yields clear solution
Visual pH Transition	:	pH 5.20 (yellow) - pH 6.80 (purple)
Absorption maxima (pH 5.2)	:	426 - 436 nm (20 ppm in 50% ethanol)
Absorption maxima (pH 6.8)	:	584 - 594 nm (20 ppm in 50% ethanol)
Specific Absorbance 1	:	400 - 450 (20 ppm in 50% ethanol, at 426 - 436 nm)
Specific Absorbance 2	:	1000 - 1100 (20 ppm in 50% ethanol, at 584 - 594 nm)
Loss on drying (at 110°C, 2 hr)	:	<= 5.0%

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	:	-
RTECS	:	Not available
WGK	:	3