

Alizarin red S, Hi-Cert™

GRM136


Product Identifier

CAS No.	:	130-22-3
EC No.	:	204-981-8
C.I. No.	:	58005
Molecular Formula	:	C ₁₄ H ₇ NaO ₇ S
Molecular Weight	:	342.26
Synonym	:	Sodium alizarinsulphonate, Hi-Cert™
HS Code	:	3204 12 99
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Yellow-green to dark-red powder
Solubility	:	10 ppm solution in 0.1M NaOH yields clear solution
Visual pH Transition	:	pH 4.3 (light-yellow) to pH 6.3 (pink) to pH 12.0 (violet)
Absorption maximum 1	:	554 - 558 nm (10 ppm in 0.1M NaOH)
Absorption maximum 2	:	590 - 599 nm (10 ppm in 0.1M NaOH)
Loss on drying (at 110°C, 2 hr)	:	<= 10.0%
Absorptivity 1 (10 ppm in 0.1M NaOH at 556nm)	:	min 350.0
Absorptivity 2 (10 ppm in 0.1M NaOH at 595nm)	:	min 325.0

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H315- H319- H335
Precautionary Statement(s)	:	P261- P280- P312- P321- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CB1095300
WGK	:	1