

Alizarin, Hi-Cert[®]

GRM135


Product Identifier

CAS No.	:	72-48-0
EC No.	:	200-782-5
C.I. No.	:	58000
Molecular Formula	:	C ₁₄ H ₈ O ₄
Molecular Weight	:	240.21
Synonym	:	1,2-Dihydroxyanthraquinone, Hi-Cert [®]
HS Code	:	2914 69 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Gold to orange to brown crystals or powder
Solubility	:	10 ppm in 5M sodium hydroxide yields clear to turbid, purple to very dark purple solution
Visual pH Transition	:	pH 5.5 (yellow) to 6.8 (red) and pH 10.1 (red) to 12.1 (violet)
Absorption maximum 1	:	605 - 610 nm (10 ppm in 5M NaOH)
Absorption maximum 2	:	565 - 570 nm (10 ppm in 5M NaOH)
Loss on drying (at 105°C, 2 hr)	:	<= 10.0%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H317- H318- H410
Precautionary Statement(s)	:	P261- P273- P280- P305+P351+P338- P362 + P364- P501
UN No.	:	3077
Class	:	9
Packing Group	:	III
RTECS	:	CB6580000
WGK	:	2