

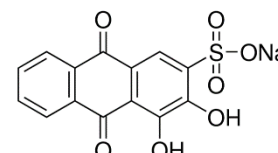


Product Specification

cdhfinechemical.com

ALIZARIN RED S AR

PRODUCT CODE	280875
SYNONYMS	Sodium Alizarine Sulphonate
C.I. NO.	58005
CASR NO.	130-22-3
ATOMIC OR MOLECULAR FORMULA	C₁₄H₇NaO₇S
ATOMIC OR MOLECULAR WEIGHT	342.26



PROPERTIES --

PARAMETER	LIMIT
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Description	Yellow or orange to red/brown powder.
Solubility	10 ppm solution in 0.1 M NaOH yields clear solution.
Dye content(spectrophotometer)	65.0%
pH range(light-yellow to pink)	4.3-6.3
pH range(brown-orange to violet)	9.4-12.0
Absorption maximum	554-558 nm
λ ₁ (10 ppm in 0.1 M NaOH)	554-558 nm
λ ₂ (10 ppm in 0.1 M NaOH)	590-599 nm

MAXIMUM LIMIT OF IMPURITY

Loss on drying	8.0%
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Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements: Not hazardous. No hazards.

Precautionary statements

Prevention: -----

Response: -----

Disposal:-----

IMDG Code : --

UN No. : --

IATA : --

Hazard Pictogram(s) :-----

Replace Date 17-June-2023