

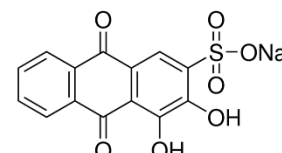


# Product Specification

cdhfinechemical.com

## ALIZARIN RED S AR

<b>PRODUCT CODE</b>	<b>452910</b>
<b>SYNONYMS</b>	<b>Sodium Alizarine Sulphonate</b>
<b>C.I. NO.</b>	<b>58005</b>
<b>CASR NO.</b>	<b>130-22-3</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>C<sub>14</sub>H<sub>7</sub>NaO<sub>7</sub>S</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>342.26</b>



<b>PROPERTIES</b>	--
<b>PARAMETER</b>	<b>LIMIT</b>

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 <sub>1</sub> (10 ppm in 0.1 M NaOH)	554-558 nm
λ <sub>2</sub> (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 03-Aug.-2018