



Specification

Alizarin Yellow R

Catalog Number: AY1004
CAS Number: 2243-76-7
C.I. Number: 14030
Synonyms: Mordant Orange 1; Alizarin Yellow R Sodium Salt; 5-(p-Nitrophenylazo)Salicylic Acid Sodium Salt; Sodium p-Nitrobenzeneazosalicylate
Molecular Formula: $O_2NC_6H_4N=NC_6H_3-2-(OH)CO_2H$
Molecular Weight: 287.23
Storage: 15°C – 30°C

Test	Specification
Appearance	Reddish Orange Powder
Dye Content	≥75%
Solubility (0.1% IN Ethanol)	Clear Yellow Solution
Loss on drying (110 deg.C)	≤ 3%
Absorptivity In Ethanol (A 1%/1cm)	≤ 385nm-1004
Melting Point	>300 deg. C

Approved:

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