

Certificate of Analysis

Product Name:

4-(2-Pyridylazo)resorcinol monosodium salt hydrate *PurReagent*, ≥99.0%

Product No.: PSR41614
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 16593-81-0
Molecular Formula: $C_{11}H_8N_3NaO_2 \cdot xH_2O$
Molecular Weight: 237.19 g/mol (anhydrous basis)
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Orange to Brown Powder or Crystals	Orange Powder
Assay (By Titration) (on anhydrous basis)	≥ 99.0 %	99.60 %
Water (By KF)	NMT 10.0 %	8.500 %
Suitability as indicator	Passes test	Passes
Maximum absorption	Approx. 413 nm	411 nm
Identification by IR	Conforms to structure	Conforms

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed.

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.

For queries on this COA, please contact our technical team at technical@pure-synth.com