

Certificate of Analysis

Product Name:

Reinecke Salt Monohydrate ACS PurReagent

Product No.: PSR50345
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 13573-17-6
Molecular Formula: $C_4H_{10}CrN_7S_4 \cdot H_2O$
Molecular Weight: 354.43 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	Orange to Brown to Dark purple or red powder to crystal	Red Powder
Purity	$\geq 93.0\%$	95.20 %
Absorbance (2 g/L, H ₂ O)	NLT 0.400 (518.0 to 522.0 nm)	0.675 (519.5 nm)
Sensitiveness	Complies	Complies
Precipitate capacity	Complies	Complies
Chromium & Sulphur compounds (by ICP)	Conforms	Conforms
Identification by IR	Conforms to Structure	Conforms to Structure
Melting point	268-272 °C	269.30 °C
Meets ACS Requirements	Conforms	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 a temperature of 2-8 °C 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