

## Product Specification

Product Name:

**Reinecke Salt Monohydrate ACS PurReagent**

Product No.: PSR50345  
Brand: PureSynth  
CAS No.: 13573-17-6  $\text{NH}_4[\text{Cr}(\text{SCN})_4(\text{NH}_3)_2] \cdot \text{H}_2\text{O}$   
Molecular Formula:  $\text{C}_4\text{H}_{10}\text{CrN}_7\text{S}_4 \cdot \text{H}_2\text{O}$   
Molecular Weight: 354.43 g/mol

Test	Specification
Appearance	Orange to Brown to Dark purple powder to crystal
Purity	≥ 93.0 %
Absorbance (2 g/L, H <sub>2</sub> O)	NLT 0.400 (518.0 to 522.0 nm)
Sensitiveness	Complies
Precipitate capacity	Complies
Chromium & Sulphur compounds (by ICP)	Conforms
Identification by IR	Conforms to structure
Melting point	268-272 °C
Meets ACS Requirements	Conforms

Specification: PR-1.0-QA/191

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