

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 or red powder to crystal |
| Purity | ≥ 93.0 % |
| Absorbance (2 g/L, H ₂ 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