



Specification

Reinecke Salt ACS

Catalog Number: RS1005
CAS Number: 13573-16-5
Synonym(s): Ammonium diamminetetralcis(thiocyanato-N)chromate (1-); Ammonium reineckate; Ammonium tetrahiocyanodiammonochromate
Molecular Formula: $\text{NH}_4[\text{Cr}(\text{SCN})_4(\text{NH}_3)_2] \cdot \text{H}_2\text{O}$
Molecular Weight: 354.45

Test	Specification
Description:	Dark red to rust to purple powder
Identification (IR):	To conform to standard
Assay (titration):	93.0 % minimum
Insoluble in diluted Hydrochloric acid	0.05 % maximum
Aqueous solubility	Soluble in hot water; sparingly in cold
Sensitivity	Passes test

Approved:

Date: April 16, 2020

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