

Product Name: Tris(ethylenediamine)cobalt(III) chloride trihydrate
Catalog Number: A17211.09

CAS Number: 14883-80-8
IUPAC Name: cobalt(3+) tris(ethane-1,2-diamine) trihydrate trichloride
Molecular Formula: C₆H₃₀Cl₃CoN₆O₃
Molecular Weight: 399.63
InChI Key: WBMVTRUQSMZIKW-UHFFFAOYSA-K
SMILES: O.O.O.[Cl-].[Cl-].[Cl-].[Co+3].NCCN.NCCN.NCCN
Synonym: cobalt(3+) tris(ethylenediamine) trihydrate trichloride

Product Specification

Appearance (Color): Orange to dark orange
Form: Crystalline powder
Water Content (Karl Fischer Titration): 11.5-15.4% (2½- 3½ waters)
Assay (Titration ex Chloride): >97.5 to <102.5%

Date Of Print: 05/27/2025

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.