

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-06 15:47:19
Date of Next Testing: 2026-12-05 15:47:19
Product Name: **N,N'-Bis(salicylidene)ethylenediaminocobalt(II)**
CAS Number: 14167-18-1
Specifications & Purity: $\geq 95.0\%$
Lot #: K2230710
SKU #: **N138212**
Analysis: 139441
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis	55.6-59.5 (%)	59.35 %
Nitrogen by Elemental Analysis	7.7-9.1 (%)	8.71 %
Purity(Chelometric Titration)	95-100 (%)	95.23 %
Appearance (N138212)	Yellow-red to dark brown powder or crystals	Yellow-red to dark brown powder or crystals
ICP: Confirms Cobalt Component	Confirmed	Confirmed
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager