

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Cobalt nitrate hexahydrate,99.99% metals basis

ITEM NUMBER: C112731
BRAND: Aladdin
CAS NUMBER: 10026-22-9
MDL NUMBER: MFCD00149647
FORMULA: $\text{CoN}_2\text{O}_6 \cdot 6\text{H}_2\text{O}$
MOLECULAR WEIGHT: 291.03

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Red to Brown Granules, Crystals, Powder or chunks		
Co(Complexiometric EDTA)	0 %	0 %	$\geq 18.5 \%$
ICP: Confirms Cobalt Component	Confirmed		
Purity(Based On Trace Metals Analysis)	99.99 %	100 %	100 %
Trace Metal Analysis	0 ppm	100 ppm	100 ppm
Water by Karl Fischer	30 %	40 %	40 %
X-Ray Diffraction	Conforms to Structure		