

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Chromium(III) nitrate nonahydrate,AR,99.0%

ITEM NUMBER: C116446
BRAND: Aladdin
CAS NUMBER: 7789-02-8
MDL NUMBER: MFCD00149659
FORMULA: $\text{CrN}_3\text{O}_9 \cdot 9\text{H}_2\text{O}$ ₃
MOLECULAR WEIGHT: 400.15

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Ca)Calcium	0 %	0.005 %	0.005 %
Aluminum(Al)	0 %	0.02 %	0.02 %
Appearance	Blue to Purple to Black Powder,Crystals or Chunks		
Assay	99 %	100 %	100 %
Chloride(Cl)	0 %	0.005 %	0.005 %
Insoluble matter in water	0 %	0.005 %	0.005 %
Iron(Fe)	0 %	0.005 %	0.005 %
Potassium(K)	0 %	0.05 %	0.05 %
Sodium(Na)	0 %	0.05 %	0.05 %
Sulfate(SO4)	0 %	0.01 %	0.01 %
X-Ray Diffraction	Conforms to Structure		