



Certificate of Analysis

Chromium Chloride Hexahydrate USP

Catalog Number: CC1009
Lot Number: 0801902
CAS Number: 10060-12-5
Synonym(s): Chromic Chloride, Chromium (III) Chloride Hexahydrate
Molecular Formula: $\text{CrCl}_3 \cdot 6\text{H}_2\text{O}$
Molecular Weight: 266.45
Storage: 15°C – 30°C
Date of Manufacture: February 1, 2018
Retest Date: January 31, 2021

Test	Specification	Result
Appearance	Dark green powder	Conforms
Assay	98.0 – 101.0%	98.95%
Identification		
A Color	Yellow color develops in the presence of NaOH and H_2O_2	Conforms
B Precipitation	White precipitate forms in the presence of AgNO_3 , which is insoluble in Nitric Acid	Conforms
Substance Not Precipitated by NH_4OH	$\leq 0.20\%$	0.10%
Insoluble Matter	$\leq 100\text{ppm}$	20ppm
Sulfate	$\leq 0.01\%$	$< 0.01\%$
Iron	$\leq 100\text{ppm}$	$< 100\text{ppm}$
Residual Solvents: No solvent other than water is used in the manufacturing process.		
All lots meet the current USP specifications		

Approved by:

John Grubb, PhD
Gojira Fine Chemicals, LLC
Quality Manager
Tel: 440-539-7033 Fax: 888-211-5523
john@gojiraafc.com

Date: August 1, 2019