



Specification

Cobalt Chloride Hexahydrate ACS

Catalog Number: CC1003
CAS Number: 7791-13-1
Synonym(s): Cobalt(II) Chloride Hexahydrate ACS
Molecular Formula: $\text{CoCl}_2 \cdot \text{H}_2\text{O}$
Molecular Weight: 237.93
Storage: 15°C – 30°C
Retest Period: Two years from the date of manufacture

Test	Specification
Appearance	Purple crystalline powder
Assay	98.0 – 102.0%
Melting Point	~ 86°C
Solubility (93g/100mL H ₂ O)	Clear, dark purple
Insoluble Material	≤ 0.01%
Nitrate	≤ 0.01%
Sulfate	≤ 0.01%
Calcium	≤ 0.005%
Copper	≤ 0.002%
Iron	≤ 0.005%
Magnesium	≤ 0.005%
Nickel	≤ 0.1%
Potassium	≤ 0.01%
Sodium	≤ 0.05%
Zinc	≤ 0.03%

Approved:

Date: September 21, 2018

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