



# Product Specification

## Product Name: CHROMIUM (III) SULFATE Basic LR

Alternate Name(s) Chrometan; Basic chromic sulfate; Basic chromium sulfate; Monobasic chromium sulfate; Chromedol; Chromosal B; Chromium hydroxide sulfate;  
Description Finely granular dark-green flakes or powder.

### Properties

Chemical Formula:  $\text{Cr}_4\text{H}_2\text{O}_{22}\text{S}_5$

Molecular Weight: 722.31

Product Code: CL376

CAS No. 15244-38-9

### General Information:

Soluble in water. Incompatible with strong oxidising agents, lithium, nitroalkanes, dirubidium acetylde, oxygen difluoride, chlorine trifluoride.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHTF

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay:

#### Specific Properties and Impurities [Typical levels]:

Chrome (III) Oxide  $\geq 25.5 \%$

Basicity within limits  $33 \pm 1 \%$

Iron (II) oxide  $\leq 0.04 \%$

Water insoluble  $\leq 0.1 \%$

Water solubility  $\geq 99.0 \%$

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