

# Specification

Technical Data Sheet

## CAS

1333-82-0

## STORAGE

Ambient

## MOLECULAR WEIGHT

99.99

## PRODUCT

**Chromium(VI) oxide**

Product number 90028573

CAS number 1333-82-0

Molecular formula CrO<sub>3</sub>

Molecular weight 99.99 g/mol

## PARAMETER

## SPECIFICATION

**Appearance** Dark red crystal/flaked solid**Assay**  $\geq 99.90\%$ **Boron (B)**  $\leq 0.004\%$ **Cadmium (Cd)**  $\leq 0.004\%$ **Chloride (Cl-)**  $\leq 0.005\%$ **Gold (Au)**  $\leq 0.004\%$ **Insoluble Matter**  $\leq 0.01\%$ **Iron (Fe)**  $\leq 0.006\%$ **Silicon (Si)**  $\leq 0.004\%$ **Sulphur (S)**  $\leq 0.003\%$ **Aluminium (Al)**  $\leq 0.001\%$ **Antimony (Sb)**  $\leq 0.004\%$ **Arsenic (As)**  $\leq 0.004\%$ **Barium (Ba)**  $\leq 0.001\%$ **Calcium (Ca)**  $\leq 0.002\%$ **Cobalt (Co)**  $\leq 0.004\%$

| PARAMETER                        | SPECIFICATION  |
|----------------------------------|----------------|
| Copper (Cu)                      | $\leq 0.004\%$ |
| Lead (Pb)                        | $\leq 0.004\%$ |
| Magnesium (Mg)                   | $\leq 0.004\%$ |
| Nickel (Ni)                      | $\leq 0.004\%$ |
| Nitrate (NO <sub>3</sub> )-      | $\leq 0.05\%$  |
| Potassium (K)                    | $\leq 0.002\%$ |
| Silver (Ag)                      | $\leq 0.004\%$ |
| Sodium (Na)                      | $\leq 0.005\%$ |
| Strontium (Sr)                   | $\leq 0.004\%$ |
| Sulphates (SO <sub>4</sub> )(2-) | $\leq 0.004\%$ |
| Tin (Sn)                         | $\leq 0.004\%$ |
| Zinc (Zn)                        | $\leq 0.004\%$ |

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SPECIFICATION STATEMENT | The values stated above represent the standard specification for this product, issued under <b>Molekula Ltd</b> 's quality management system. Batch-specific results are provided on the Certificate of Analysis. |
| STORAGE                 | Store as indicated on the product label, away from light, moisture and incompatible materials.                                                                                                                    |

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