

## TECHNICAL DATA SHEET

### Chromium Hydroxy Nitrate Solution

#### Product Information

Formula:	Cr(NO <sub>3</sub> ) <sub>2</sub> .OH
Physical Appearance:	Dark Blue/Green Solution
Molecular Weight:	233.0
CAS No:	12158-37-1
EC No:	601-791

#### Hazard Information

UN No:	UN3264
Proper Shipping Name:	Corrosive Liquid, Acidic, Inorganic, N.O.S
Hazard Class:	8 Environmentally hazardous/marine pollutant
Packing Group:	III
REACH No:	01-2120137105-68-0000

#### Specification

<b>Cr:</b>	10.0 – 10.5%
<b>NO<sub>3</sub>:</b>	23.0 – 25.5.0%
<b>Na:</b>	<100 ppm
<b>Fe:</b>	<100 ppm
<b>Cu:</b>	<300 ppm
<b>Ni:</b>	<50 ppm
<b>pH @20 C:</b>	<1
<b>Specific gravity:</b>	1.37 – 1.42
<b>Hexavalent Cr:</b>	Not Detected

#### Packing Options

20 ltr Drums –	25 kg
25 ltr Drums –	30 kg
220 ltr Drums –	280 kg
1,000 ltr IBC –	1,400 kg
Road Tankers –	26,000 kg

Shelf Life – 2 Years

Stored in the correct conditions