

KROMSAN

CHROMIUM (III) NITRATE SOLUTION	Cr(NO ₃) ₃ .9H ₂ O
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Chromium Nitrate (nanohydrate) Solution, is an intermediate chemical used in manufacturing of other inorganic or organic chromium compounds, main ingredient for the chrome III metal passivation solutions, catalysts and carrier materials, corrosion inhibitors, dye mordant as well as colorant in glass industry and colored glaze of ceramics.

EINECS NO 236 - 921 - 1
CAS NO 13548 - 38 - 4

PHYSICAL PROPERTIES

Molecular weight, g/mole 400,146
Specific Gravity, g/cm³ 1,40 – 1,43
Appearance Dark Blue-Green Solution (Liquid)

CHEMICAL PROPERTIES (TYPICAL)

Tot. Cr, % 9,3 - 10
NO₃, % 30 - 33
Cl, % 0,005 max
Na, % 0,005
SO₄, % 0,01
pH (5% solution) < 2,7
Matter Insoluble, % <0,001
Cr⁺⁶, % none detected (<0.0001)
Fe, % < 0,003
Cu, % < 0,001 (practically zero)
Ni, % < 0,0005
Pb, % none detected (<0.0001)

Packaging:

25 liter export drums containing 35 kg nett
200 liter export drums containing 280 kg nett
1000 liter IBC's containing 1400 kg nett
Iso Tanks containing 26000 kg nett

Storage Conditions:

Store in a well ventilated area away from heat and/or sunlight. Open drums carefully to vent.

Safety Precautions:

Burning or stinging sensation on skin and eye contact. After contact with skin and eye, flush with water at least 15 minutes, get medical attention. Avoid inhalation, in case remove to fresh air. Open drums carefully to vent any residual fumes present away from face.

Data given are indicative and represent only the average results of our analysis.

Marketing & Sales:

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