



Resonance
Specialties

Resonance Specialties Limited

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Website: www.resonancesl.com CIN: [L25209MH1989PLC051993](https://www.mca21.gov.in/cin/L25209MH1989PLC051993) GST: [27AAACA9590Q1ZW](https://www.gst.gov.in/gst/27AAACA9590Q1ZW)

TECHNICAL DATA SHEET

CHROMIUM POLYNICOTINATE

Other Nomenclature

Chromium(III) nicotinate

Physical Data

Molecular Formula	C ₁₈ H ₁₂ CrN ₃ O ₆
Molecular weight	418.305 g/mol
CAS Number	64452-96-6

Specifications

Description	Purple Grey Crystalline Powder
Solubility	Insoluble in water / alcohol
Mesh size	Not less than 60 mesh
Bulk Density	Not less than 0.4 g/cc
Loss On Drying	Not more than 6%
Heavy Metals	
Lead	NMT 10ppm
Arsenic	NMT 1ppm
Mercury	NMT 1ppm
Assay by Chromium content	98.0 102% on dried basis content
E. Coli / Salmonella	Absent

Plate Count	NMT 1000 cfu / gm
Yeast & Mould	NMT 100 cfu / gm

Packing

5 kg / 10 kg / 25kg / 50kg Fibre Drums / HDPE Drums

Applications

Chromium supplementation in some nutritional products