

Technical Data sheet

IRON (III) CHLORIDE SOL. 10-14% Fe w/w GMP

Product Code :382337 IRON (III) CHLORIDE SOL. 10-14% Fe w/w GMP

Formula :FeCl₃

Retest period : 24 months

Standard Grade : MICROBIOLOGICALLY TESTED QP

Rev.: 18/05/2021

General Information :

Density	1,360 g/cm ³
Mol weight	162,22 g/mol
CAS Nr	7705-08-0
EINECS Nr	231-729-4
HS code	28273920

Transport :

ADR/RID Class	8/III,C1
UN Nr	2582
Danger	80
Transport Labels	8
IMDG Code	8/III
IATA Code	8
IATA Group	III
CAO Code	856
PAX Code	852

Specifications :

Identification A	Passes test	Identification B	Passes test
Appearance	Clear liquid	Color	Red to orange
Assay (Iodom.)	10,5 - 13,5 %	Chloride (Cl)	20,0 - 25,7 %
Iron (II)	Max. 0,005 %	Insoluble matter	Max. 0,006 %
Cadmium (Cd)	Max. 0,2 ppm	Lead (Pb)	Max. 0,2 ppm
Arsenic (As)	Max. 0,5 ppm	Mercury (Hg)	Max. 0,5 ppm
Vanadium (ppm)	Max. 5,0 ppm	Nickel (Ni)	Max. 10,0 ppm
Palladium (Pd)	Max. 2,0 ppm	Platinum (Pt)	Max. 2,0 ppm
Molybdenum (Mo)	Max. 7,5 ppm	Copper (Cu)	Max. 5,0 ppm
Tin (Sn)	Max. 5,0 ppm	Chromium (Cr)	Max. 10,0 ppm
Calcium (Ca)	Max. 100,0 ppm	Magnesium (Mg)	Max. 50,0 ppm
Manganese(Mn)	Max. 100,0 ppm	Zinc (Zn)	Max. 30,0 ppm
Ir + Os + Rh + Ru	Max. 2,0 ppm	Sulphate (SO ₄)	Max. 0,01 %
Nitrate (NO ₃)	Max. 0,01 %	Phosphate (PO ₄)	Max. 100,0 ppm
Total aerobic count(TAMC)	Max. 1000,0 cfu/g	Moulds and yeasts (TYMC)	Max. 100,0 cfu/g
Bacterial endotoxins	Max. 132,1 IU/mg		

Labels : H-302:Harmful if swallowed. H-315:Causes skin irritation. H-318:Causes serious eye damage. P-280:Wear protective gloves/protective clothing/eye protection/face protection. P-301+312:IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. P-303+361+353:IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P-305+P351+P338:Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. P-391:Collect spillage. P-501:Dispose of contents/container in accordance with local/regional/national/international regulations,

