



Celtic Chemicals Ltd

INORGANIC METALLIC SALTS



Ferrous Gluconate EP Powder
Jost Code 2397

Ferrous Gluconate can be used as a dietary supplement and as a nutrient. Iron has a vital function in combining with protein and copper to make hemoglobin. Iron also prevents fatigue and promotes good skin tone. Product specifications, MSDS's and certifications are available under Additional Information.

Chemical Data

Chemical Formula	Fe(C ₆ H ₁₁ O ₇) ₂ · 2H ₂ O
CAS Number	299-29-6
Molecular Weight	482.17
Use	Nutrient; Dietary Supplement
Description	Pale greenish, yellow, fine powder
Containers	50 kg / 110 lb. fiber drums; 25 kilogram packs EU only
Storage	Store in a clean, dry warehouse in the original unopened containers.
Revision Date	12/22/05

Unit 25 Kenfig Industrial Estate, Margam, Port Talbot, SA13 2PE, United Kingdom
Tel – 0044 (0) 1656 749358, Fax – 0044 (0) 1656 746490, sales@celticchemicals.co.uk

<http://www.celticchemicals.co.uk>



ISO9001:2000
Certificate no FM23081

Chemical Specifications

<u>Tests</u>	<u>Specifications</u>
Identification	
Test A	Pass Test
Test B	Pass Test
Appearance of Solution	Clear/Not Turbid
Assay as Iron(II) (dry basis)	11.8-12.5%
Arsenic	2 ppm maximum
Barium	Pass Test
Chloride	0.06% maximum
Ferric Iron	1.0% maximum
Heavy Metals	20 ppm maximum
Loss on Drying	5.0-10.5%
Microbial Contamination	10 ³ micro-organisms/g maximum
Oxalates	Pass Test
pH (10% solution)	4.0-5.5
Sucrose and Reducing Sugars	Pass Test
Sulfate	500 ppm maximum

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