

PRODUCT DATA

L-Ferrous lactate (FG)

Description

L-Ferrous lactate (FG) is the iron salt of natural L (+) lactic acid, produced by bio-fermentation from grain starch. Greenish white crystals or light green powder having a slight sweet metal smell. It is easily soluble in hot water, and practically insoluble in ethanol. The product is easily oxidized in the light, heat and air.

Information

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| Chemical name | Iron(II)-L(S)-2-hydroxypropionate |
| Molecular formula | Fe [CH ₃ CH (OH) COO] ₂ · 2.2H ₂ O |
| Molecular weight | 233.99 (anhydrous) |
| CAS | 5905-52-2 |
| Packing | Fiber drum, net 50kg per drum |

Specification (Complies with: FCC, FAO/WHO, GB)

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| Assay (anhydrous), % | ≥96.0 |
| Iron (III), % | ≤0.6 |
| Loss on drying(100°C, 700mmHg,24hs), % | ≤14.0 |
| pH (1→50) | 5.0~6.0 |
| Chloride, % | ≤0.1 |
| Sulphate, % | ≤0.1 |
| Heavy metals(as Pb), % | ≤0.001 |
| Arsenic, % | ≤0.0001 |
| Stereochemical purity, % | ≥96.0 |