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Product Specifications

Catalogue Number	37001
Product	Ferrous gluconate dihydrate, Ultra pure, USP, Ferrous gluconate dihydrate, Ultra pure, USP, FCC, Granular, Low Ferrous gluconate dihydrate
CAS Number	299-29-6, 22830-45-1
Molecular Formula	Fe(C ₆ H ₁₁ O ₇) ₂ •2H ₂ O
Molecular Weight	482.17
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Appearance	Brown, tan or gray granular
Anion	Chloride (Cl) : ≤ 0.07% Sulfate : ≤ 0.1%
Cation	Ferric Iron : ≤ 2% Oxalic acid : To pass test Lead (Pb) : ≤ 1 ppm, Cadmium (Cd) : ≤ 1ppm, Arsenic (As) : ≤ 1 ppm, Mercury (Hg) : < 0.1 ppm
Yeast and Mold	≤ 100 cfu/g
Reducing Sugars	To pass test
Loss on Drying	6.5 - 10.0%
Residual Solvents	To pass test
Coliform Organisms	Negative
Microbial Count	≤ 1000 cfu/g (TPC)
Mesh Size	Mesh Thr' 14 : ≥ 95% Mesh Thr' 60 : ≤ 25%
Assay	97 - 102%
Grade	USP/FCC
Storage	Store at RT
Additional Information	Identification : Test A : To pass test Test B : To pass test

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For Laboratory Use Only