

产品检验报告单

ANALYSIS CERTIFICATE

产品名称 Product Name: 葡萄糖酸亚铁 Ferrous Gluconate

批号 Batch No. 20240105

数量 Quantity: 100 kgs

生产日期 Mfg Date: 2024-01-05

到期日 Expiry Date: 2026-01-04

质量标准 Quality Standard: USP43

| 检验项目 Inspection Items | 标准 Standard | 检验结果 Examination Result |
|---|---|-------------------------------------|
| 感官指标 Sensory index | 黄灰色或者淡绿黄色, 粉末或颗粒, 有一种类似焦糖的轻微气味。 Yellow gray or light green yellow, powder or granular, with a slight smell similar to caramel. | 淡绿黄色粉末 Light green yellow powder |
| 溶解性 Solubility | 溶解于水, 极微溶解于乙醇。 Dissolve in water and very microdissolved in ethanol. | 通过 Pass |
| 鉴别 Distinguish | 符合鉴别 A Conform to identification A | 通过 Pass |
| | 符合鉴别 B Conform to identification B | 通过 Pass |
| 葡萄糖酸锌 ($C_{12}H_{22}O_{14}Fe$) 含量 (以干基计), ω % Content ($C_{12}H_{22}O_{14}Fe$) | 97.0%~102.0% | 99.52 |
| 硫酸盐 (以 SO_4 计), ω % Sulfate | ≤ 0.1 | < 0.1 |
| 氯化物 (以Cl计), ω % Chloride | ≤ 0.07 | < 0.07 |
| 砷 (以As计), ppm Arsenic | ≤ 3 | < 3 |
| 铅 (Pb), ppm Lead | ≤ 10 | < 10 |
| 汞 (Hg), ppm Mercury | ≤ 3 | < 3 |
| Fe^{3+} , ω % | ≤ 2.0 | 1.0 |
| 干燥减量, ω % Moisture content | 6.5%~10.0% | 8.5 |
| 草酸 | 需符合规定 Need to comply with the regulations | 通过 Pass |
| 还原糖 Reducing sugar | 需符合规定 Need to comply with the regulations | 通过 Pass |
| 需氧菌总数 TAMC Total aerobic bacteria TAMC | $\leq 10^3$ CFU/g | 10 |
| 酵母菌/霉菌总数 TYMC Total yeast/mold count TYMC | $\leq 10^2$ CFU/g | 3 |
| 大肠杆菌 (在 1g) Escherichia coli (in 1g) | 不得检出 Not detectable | 通过 Pass |
| 结论 Judgment | 符合 USP43, 合格。 Conforming to USP43, qualified. | |
| 检验员: Analyst | 质量负责人: Quality Director | |