



Ferrous Gluconate

Iron Gluconate; Glucoferron

Batch Number: 2015998507

Item Number: F529725

Manufacturing Date: 12-2015

CAS Number: 299-29-6

Expiry Date: 12-2018

| Test | Specification | Result |
|----------------------------|--|----------|
| Description | Yellowish gray or greenish powder or lumps, soluble in water, insoluble in ethanol | Pass |
| Identification | Test for Fe (+2), Gluconate (-1) | Pass |
| PH of 10 % Solution | (4.0 - 5.5) | 4.925 |
| Sucrose and Reducing Sugar | BP | Comply |
| Chloride | 0.06 % Max | Comply |
| Oxalate | BP | Comply |
| Sulfate | 500 ppm Max | Comply |
| Arsenic | 2 ppm Max | Comply |
| Barium | BP | Comply |
| Ferric | 1 % Max | Comply |
| Heavy Metals | 20 ppm Max | Comply |
| Loss on Drying at 105 °C | (5.0 - 10.5) % | 7.251 % |
| Assay for Fe (+2) | (11.8 - 12.5) % | 12.152 % |

Conclusion: The samples from the above quantity conformed to the specifications

Chairman

Dr Mohammad M Ibraheem