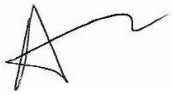
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# SPECIFICATION SHEET

| **Product Name** | **MANGANESE CITRATE 10%** | |
|---|---|---|
| **Origi** | USA | |
| **TESTS** | **SPECIFICATION** | **METHOD** |
| **ACTIVE** | | |
| Manganese | 10.00 ~ 12.00% | ICP-MS |
| **HEAVY METALS** | | |
| Arsenic (As) | NMT 2.00 ppm | ICP-MS |
| Cadmium (Cd) | NMT 2.00 ppm | ICP-MS |
| Lead (Pb) | NMT 2.00 ppm | ICP-MS |
| Mercury (Hg) | NMT 0.10 ppm | ICP-MS |
| **MICROBIOLOGICAL** | | |
| Total Plate Count | NMT 3000 cfu/g | BAM 8th ed |
| Mold | NMT 300 cfu/g | BAM 8th ed |
| Yeast | NMT 300 cfu/g | BAM 8th ed |
| Coliform | NMT 100 cfu/g | AOAC 991.14 |
| E.coli | NMT 10 cfu/g | BAM 8th ed |
| Enterobacteriaceae | NMT 10 cfu/g | AOAC 2003.01 |
| Staph | NMT 10 cfu/g | AOAC 2003.07 |
| **PHYSICAL** | | |
| Color | Light Tan to Dark Tan | Visual |
| Particle Size | Mesh 80 | Mesh Screen |
| Tap Density | 0.80 ~ 1.50 g/ml | Auto Tap |
| Moisture | NMT 10.00% | Electrobalance |

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : 

Abdullah Malik (QA)