

VIVION, INC

DATA SHEET

MAGNESIUM STEARATE – NF

Chemical Name : Magnesium Stearate
Chemical Formula : $C_{36}H_{70}MgO_4$
Molecular Weight : 591.27
Synonyms : Octadecanoic acid magnesium salt
Description : Fine White Powder

| Specifications | Units | Results |
|-------------------------------|-------|--------------|
| Identification | --- | Passes Test |
| Loss on Drying | % | 4 Max. |
| Lead | % | 0.001 Max. |
| Organic Volatile Impurities | --- | Not Detected |
| Heavy Metals as Pb | % | 0.002 Max. |
| Content as MgO | % | 6.8 – 8.3 |
| Free Fatty Acid | % | 1 Max. |
| Melting Point | °C | 130 – 150 |
| Bulk Density | g/l | 250 – 320 |
| Granulometry, Mesh 325 | % | 99 Min. |
| Microbial Limits | | |
| E. Coli | --- | Negative |
| Salmonella | --- | Negative |
| Total Aerobic Microbial Count | /g | 1000 Max. |
| Total Molds & Yeasts | /g | 500 Max. |

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