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Typical Product Specifications & Properties

Magnesium Stearate NF

CAS Number: : 557-04-0

Specifications	Limits
Density	1.028
Direct Evaporative Cooling	by dilute acids
Sum of Methyl Stearate & Palmitate	90% min
Free Fatty Acid	1% max
Sulphate	1.0% Max
E. Coli	Negative
Salmonella	Negative
Chlorides	0.1% Max
Melting Point	130 - 150°C
Total Molds and Yeasts (per g)	500 Max
Metal Content	4 - 5%
Bulk Density	250 - 320 g/l



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Specifications	Limits
Acidity & Alkalinity	Less than 0.05 ml of 0.1N HCl or NaOH
Organic Volatiles	Not Detected
Total Aerobic Microbial Count (per g)	1000 Max
Identification	Pass
Granulometry, Mesh 325	99% through 325 Mesh
Lead	0.001 Max
Appearance	Fine Powder
Loss on Drying	4% max
Insolubility	in water, alcohol, ether
Odor	wh. soft oily powd., tasteless, odorless
Molecular weight	591.27



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