

Product Specifications

Product No. **2256**

Date Updated: 1/9/2004

Magnesium Stearate, Impalpable Powder Hyqual®

N.F.

Formula: $Mg(C_{18}H_{35}O_2)_2$ Formula Weight: **591.2**

TEST

GMP Manufactured Product**Meets N.F. Requirements**

Assay (as Mg)

Appearance (fine, white powder)

Acid Value

Apparent Density

Cadmium (Cd)

Heavy Metals

Identification A

Identification B

Loss on Drying at 105°C

Lead (Pb)

Nickel (Ni)

Mesh:

Thru U.S. No. 325 Sieve

Microbiological

Total Aerobic Microbial Count (cfu/g)

Total Mold and Yeast Count (cfu/g)

Salmonella Species (negative)

Escherichia Coli (negative)

Limit of Sulfate

Limit of Chloride

Acidity or Alkalinity

Organic Volatile Impurities

Specific Surface Area, m²/g

Stearic Acid

Stearic and Palmitic Acids

Tapped Density (g/cc)

Particle Size (50th percentile) (µm)

Particle Size (90th percentile) (µm)

SPECIFICATION

4.0 - 5.0 %

Passes Test

195 - 210

0.08 - 0.17

max. 3 ppm

max. 20 ppm

Passes Test

Passes Test

max. 4.0 %

max. 10 ppm

max. 5 ppm

Actual Value Reported

Passes Test

max. 1000

max. 500

Passes Test

Passes Test

max. 0.5 %

max. 0.025 %

Passes Test

Conforms to USP/NF

5.0 - 10.0

min. 40.0 %

min. 90.0 %

0.21 - 0.33

10.5 - 16.5

max. 35



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