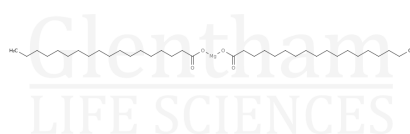


## Product Specification

Product Name	Magnesium stearate, EP, USP grade
Glentham Code	GX1421
CAS Number	557-04-0
EINECS	209-150-3
MDL Number	MFCD00036391

Molecular Weight	591.24
Molecular Formula	$[\text{CH}_3(\text{CH}_2)_{16}\text{CO}_2]_2\text{Mg}$
Storage Temp.	+20°C



Property	Specification
Physical Description	Fine white powder
Identification	A, B, C, D according to EP
Solubility	Practically insoluble in water and in anhydrous ethanol
Acidity or Alkalinity	According to EP
Chlorides	≤ 0.1%
Sulfate	≤ 1.0%
Cadmium (Cd)	≤ 3ppm
Nickel (Ni)	≤ 5ppm
Loss on Drying	≤ 6.0%
Total Aerobic Microbial Count	≤ 1000CFU/g
Total Yeast and Mould Count	≤ 100CFU/g
Magnesium (Mg)	4.0 - 5.0 % (dried substance)
Stearic acid	≥ 40.0% (in the fatty acid fraction)
Sum of stearic acid and palmitic acid	≥ 90.0% (in the fatty acid fraction)
Pharmacopoeia Specification(s)	EP, USP

Specification Version	-	v1.0
Date Created	-	2022-01-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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