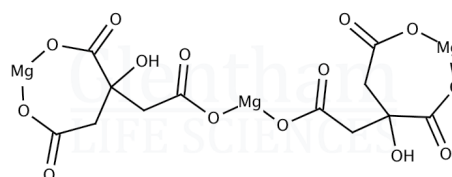


Product Specification

Product Name	Magnesium citrate tribasic hydrate
Glentham Code	GK3304
CAS Number	3344-18-1
EINECS	222-093-9
PubChem SID	310275961
Additional CAS	7779-25-1 (anhydr.)
Molecular Weight	451.13 (anhydrous)
Molecular Formula	$C_{12}H_{10}Mg_3O_{14} \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to off-white crystalline powder
Identification	A, B according to USP
pH (5% in water)	5.0 - 9.0
Chloride	≤ 0.05%
Sulphate	≤ 0.2%
Iron (Fe)	≤ 200ppm
Arsenic (As)	≤ 3ppm
Calcium (Ca)	≤ 1.0%
Heavy Metals (as Pb)	≤ 50ppm
Lead (Pb)	≤ 0.5ppm
Loss on Drying	≤ 29.0%
Assay (Mg)	14.5 - 16.4 % (dried basis)
Pharmacopoeia Specification(s)	USP

Specification Version	-	v1.0
Date Created	-	2017-02-14

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 or contact us using the details above for the current version of this document.

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