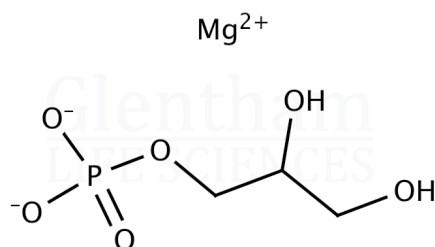


## Product Specification

Product Name	Glycerol-1-phosphate magnesium salt hydrate
Glentham Code	GC3404
CAS Number	927-20-8
EINECS	213-149-3
MDL Number	MFCD00153014
PubChem SID	310274268
Molecular Weight	194.36 (anhydrous)
Molecular Formula	$C_3H_7MgO_6P \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification
Physical Description	White powder
Acidity or Alkalinity	$\leq 2.0$ ml (0.1M NaOH / 0.1M HCL)
Impurities	Citrate: absent Free glycerol and other alcohol soluble impurities: $\leq 2.0\%$
Residue on Ignition	47.0 - 52.0 %
Lead (Pb)	$\leq 3$ ppm
Arsenic (As)	$\leq 1$ ppm
Mercury (Hg)	$\leq 0.1$ ppm
Cadmium (Cd)	$\leq 1$ ppm
Magnesium (Mg)	11.0 - 12.5 % (dried basis)
Assay	$\geq 95.0\%$ (Magnesium glycerophosphate, dried basis)

Specification Version	-	v1.0
Date Created	-	2015-07-16

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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