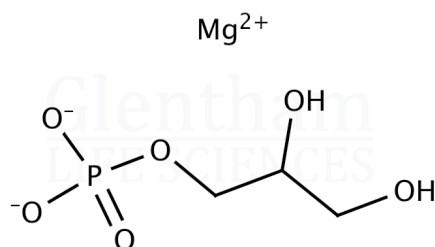


## Certificate of Analysis

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
Batch Number	974YDW
Molecular Weight	194.36 (anhydrous)
Molecular Formula	$C_3H_7MgO_6P \cdot xH_2O$
Storage Temp.	+20°C



Property	Specification	Batch 974YDW
Physical Description	White powder	White powder
Acidity or Alkalinity	≤ 2.0ml (0.1M NaOH / 0.1M HCL)	0.70ml
Impurities	Citrate: absent	Conforms
	Free glycerol and other alcohol soluble impurities: ≤ 2.0%	0.73%
Residue on Ignition	47.0 - 52.0 %	50.4%
Lead (Pb)	≤ 3ppm	0.29ppm
Arsenic (As)	≤ 1ppm	0.03ppm
Mercury (Hg)	≤ 0.1ppm	0.004ppm
Cadmium (Cd)	≤ 1ppm	0.003ppm
Magnesium (Mg)	11.0 - 12.5 % (dried basis)	12.1%
Assay	≥ 95.0% (Magnesium glycerophosphate, dried 97.0% basis)	

Specification Version	v1.0
Manufacture Date	2021-04-01
Re-Test Date	2031-06-11

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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