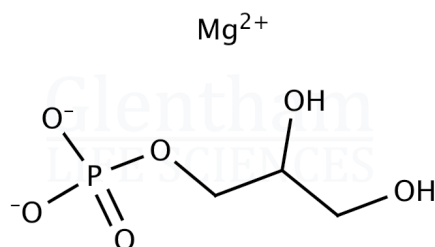


Certificate of Analysis

Product Name	Glycerol-1-phosphate magnesium salt hydrate
Glenthams 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	$\leq 2.0\text{ml}$ (0.1M NaOH / 0.1M HCL)	0.70ml
Impurities	Citrate: absent	Conforms
	Free glycerol and other alcohol soluble impurities: $\leq 2.0\%$	0.73%
Residue on Ignition	47.0 - 52.0 %	50.4%
Lead (Pb)	$\leq 3\text{ppm}$	0.29ppm
Arsenic (As)	$\leq 1\text{ppm}$	0.03ppm
Mercury (Hg)	$\leq 0.1\text{ppm}$	0.004ppm
Cadmium (Cd)	$\leq 1\text{ppm}$	0.003ppm
Magnesium (Mg)	11.0 - 12.5 % (dried basis)	12.1%
Assay	$\geq 95.0\%$ (Magnesium glycerophosphate, dried 97.0% basis)	

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

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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