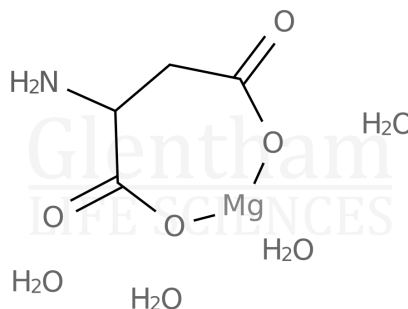


Certificate of Analysis

Product Name	DL-Aspartic acid magnesium salt tetrahydrate
Glenthams Code	GH7212
CAS Number	215528-79-3
MDL Number	MFCD00150700
Batch Number	276WJD
Molecular Weight	360.56
Molecular Formula	$C_4H_5MgNO_4 \cdot 4H_2O$
Storage Temp.	+20°C



Property	Specification	Batch 276WJD
Physical Description	White crystalline powder or crystals	White crystalline powder
Identification (IR)	To conform to standard	Conforms to standard
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-1.0 - +1.0 ° (c=1, water)	0.6°
Heavy Metals (as Pb)	≤ 10ppm	5ppm
Water (KF)	17.5 - 22.5 %	20.25%
Assay (Titration)	98.0 - 102.0 %	98.6%

Specification Version	v1.1
Manufacture Date	2023-04-28
Re-Test Date	2031-05-30

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.

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2024