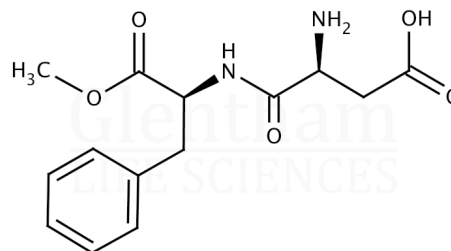


Product Specification

Product Name	Aspartame
Glentham Code	GE0967
CAS Number	22839-47-0
EINECS	245-261-3
MDL Number	MFCD00002724
PubChem SID	310267056

Molecular Weight	294.30
Molecular Formula	$C_{14}H_{18}N_2O_5$
Storage Temp.	+20°C



Property	Specification
Physical Description	White crystalline powder
Solubility	0.8% in water: Clear, colourless solution
Specific Optical Rotation	14.5 - 16.5 °
Heavy Metals (as Pb)	≤ 10ppm
Loss on Drying	≤ 4.5% (105°C)
Sulphated Ash	≤ 0.2%
5-Benzyl-3,6-dioxo-2-piperazineacetic acid	≤ 1.5%
L-Phenylalanine	≤ 0.5%
Arsenic (As)	≤ 3ppm
Lead (Pb)	≤ 3ppm
Assay	≥ 98.0% (dried basis)

Specification Version	-	v1.0
Date Created	-	2015-07-29

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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