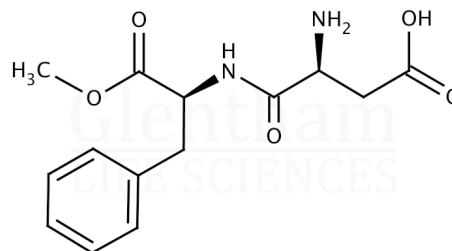


Certificate of Analysis

Product Name Aspartame
Glentham Code GE0967
CAS Number 22839-47-0
EINECS 245-261-3
MDL Number MFCD00002724
PubChem SID 310267056
Batch Number 130FKL

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



Property	Specification	Batch 130FKL
Physical Description	White crystalline powder	Conforms
Solubility	0.8% in water: Clear, colourless solution	Conforms
Specific Optical Rotation	14.5 - 16.5 °	+14.95°
Heavy Metals (as Pb)	≤ 10ppm	≤ 5ppm
Loss on Drying	≤ 4.5% (105°C)	3.09%
Sulphated Ash	≤ 0.2%	0.07%
5-Benzyl-3,6-dioxo-2-piperazineacetic acid	≤ 1.5%	0.04%
L-Phenylalanine	≤ 0.5%	Conforms
Arsenic (As)	≤ 3ppm	≤ 2ppm
Lead (Pb)	≤ 3ppm	≤ 1ppm
Assay	≥ 98.0% (dried basis)	99.30%

Specification Version v1.0
Manufacture Date 2017-10-19
Re-Test Date 2028-07-16

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 or contact us using the details above for the current version of this document.

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