

Product Datasheet

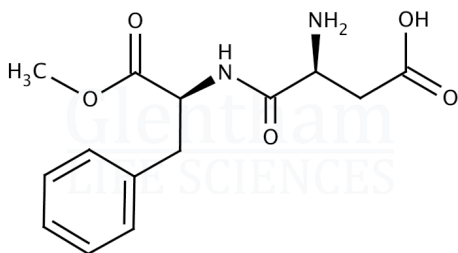
GE0967 - Aspartame

Product Details

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

Structure

Molecular Weight : 294.30
Molecular Formula : $C_{14}H_{18}N_2O_5$



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glentham Product 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)
Version	: v1.0

About Aspartame

No further details on record.

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