

Product Datasheet

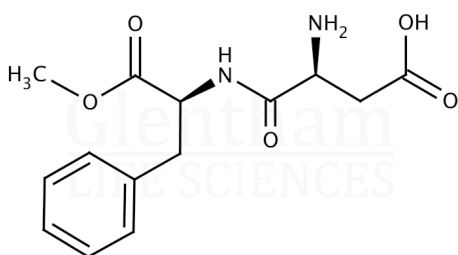
GE7341 - Aspartame, Ph. Eur., USP grade

Product Details

Product Name	Aspartame, Ph. Eur., USP grade
Glentham Code	GE7341
CAS Number	22839-47-0
EINECS	245-261-3
MDL Number	MFCD00002724
Related Categories	Biochemicals

Structure

Molecular Weight	: 294.30
Molecular Formula	: C ₁₄ H ₁₈ N ₂ O ₅



Physical Description	: White or almost white crystalline powder
Identification (IR)	: To conform to standard
Identification	: To pass Ph. Eur. tests A, C, D
Solubility (0.8% in water)	: Clear, colourless (\leq GY6) solution
Conductivity	: \leq 30 μ S/cm (0.8% in water)
Specific Optical Rotation ([α] _{20/D})	: +14.5 - +16.5 ° (dried substance)
Impurity A	: \leq 1.5% (5-benzyl-3,6-dioxo-2-piperazineacetic acid)
Impurity C	: \leq 0.5% (L-phenylalanine)
Total Impurities	: \leq 1.5% (ex. A + C)
Heavy Metals (as Pb)	: \leq 10ppm
Sulphated Ash	: \leq 0.2%
Loss on Drying	: \leq 4.5%
Assay	: 98.0 - 102.0 %
Pharmacopoeia Specification(s)	: Ph. Eur., USP
Version	: v1.0

About Aspartame, Ph. Eur., USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.

Not classified as dangerous for transport.

Glentham Product Specification

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