

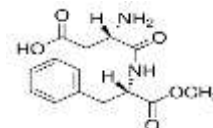


Product Specification

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ASPARTAME FOR SYNTHESIS

PRODUCT CODE	012725
SYNONYMS	N-L-Alpha-Aspartyl –L-phenylalaninemethyl ester.
C.I. NO.	--
CASR NO.	(22839-47-0)
ATOMIC OR MOLECULAR FORMULA	C₁₄H₁₈O₅N₂
ATOMIC OR MOLECULAR WEIGHT	294.30



PROPERTIES	--
PARAMETER	LIMIT

Description	White to off-white powder.
Solubility	Soluble in dilute mineral acids.
Minimum assay (NT)	98.00%
Melting range	242 – 248°C
Specific rotation $[\alpha]_D^{20}$ (C=4 in 15 N Formic acid)	+ 14 to + 16.5°

MAXIMUM LIMIT OF IMPURITIES

Loss on drying	4.5%
Sulphated ash	0.2%

Note(s) : --

WARNING

Hazard statements : --

Precautionary statements

Prevention: --

Response: --

Disposal: --

IMDG Code : --

UN No. : --

IATA :--

Hazard Pictogram(s) :