

Item Number	A1378
Item	Aspartame, Powder, NF
CAS Number	22839-47-0
Molecular Formula	C ₁₄ H ₁₈ N ₂ O ₅
Molecular Weight	294.31
MDL Number	
Synonyms	N-L-?-Aspartyl-L-phenylalanine 1-Methyl Ester ; APM

Test	Specification	
	Min	Max
APPEARANCE		
ASSAY (DRIED BASIS)	98.0	102.0 %
TRANSMITTANCE @430 nm	0.95	
SPECIFIC ROTATION [α] _D	+14.5 to +16.5°	
LOSS ON DRYING		4.5 %
RESIDUE ON IGNITION		0.2 %
ELEMENTAL IMPURITIES:		AS REPORTED
5-BENZY-3,6-DIOXO-2-PIPERAZINEACETIC ACID		1.5 %
CHROMATOGRAPHIC PURITY		2.0 %
IDENTIFICATION	SPECTRUM MATCHES REFERENCE	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
MONOGRAPH EDITION		
RESIDUAL SOLVENTS		AS REPORTED

Spectrum Chemical Mfg Corp

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