

Item Number	A1377
Item	Aspartame, Powder, FCC
CAS Number	22839-47-0
Molecular Formula	C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub>
Molecular Weight	294.31
MDL Number	
Synonyms	N-L-?-Aspartyl-L-phenylalanine 1-Methyl Ester ; APM

Test	Specification	
	Min	Max
ASSAY (C <sub>14</sub> H <sub>18</sub> N <sub>2</sub> O <sub>5</sub> ; DRIED BASIS)	98.0	102.0 %
OPTICAL ROTATION, [α] 20D (DRIED BASIS)	+14.5° to +16.5°	
5-BENZY-3,6-DIOXO-2-PIPERAZINEACETIC ACID (RELATED COMPOUNDS A)		1.5 %
OTHER RELATED IMPURITIES		2.0 %
LEAD		1 mg/kg
LOSS ON DRYING		4.5 %
RESIDUE ON IGNITION		0.2 %
IDENTIFICATION	TO PASS TEST	
CERTIFIED HALAL		
EXPIRATION DATE		
DATE OF MANUFACTURE		
APPEARANCE		

**Spectrum Chemical Mfg Corp**

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