

Product Specification Sheet

Aspartame

Product:	Aspartame
CAS:	22-839-47-0
Synonym:	APM
Formula:	C14H18N2O5
Class:	Chemicals: Specialty
Product Type:	Organic
Hazard:	0 Non-Regulated Material

SPECIFICATIONS

Molecular Formula :	C14H18N2O5
Molecular Weight (theoretical) :	294.31
Description :	A white, odorless, crystalline powder or granular, having a sweet taste.
Solubility (grams/100 g water) at 100°C :	Sparingly soluble in water; slightly soluble in alcohol
Functional use :	Sweetener, sugar substitute; flavor enhancer.
Packing and Storage :	25 Kg net in fiber drum with inner PE bag. Kept in cool, dry place.
Assay % :	(on dry matter) 98.0% - 102.0%
Transmittance :	95% min
Specific Rotation :	+14.5° - +16.5°
Heavy Metals, as Pb% by wt :	10PPM max
Loss on Drying :	4.5% max
Residue on Ignition :	0.2% max
5-Benzyl-3, 6-dioxo-2-piperazineacetic acid :	1.5 % max
Other related substances :	2.0% max
Arsenic PPM :	3PPM Max

Notes:

About Parchem Trading Ltd.

As a supplier and distributor of Aspartame, we offer a full range of Aspartame Distribution, Import / Export, Logistics and Outsourcing services. Our Global Contacts, state-of-the-art technology, knowledge of the relevant Aspartame Chemistry and the industry, and direct links to the Aspartame Manufacturers, Suppliers and Distributors, enable us to provide high quality Products at very competitive prices in a minimum amount of time.

As a member of the National Association of Chemical Distributors (NACD), Parchem has committed to quality and to fulfill the distribution guidelines set forth in the Responsible Distribution Process.



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