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Typical Product Specifications & Properties

Aspartame

CAS Number: : 22-839-47-0

Specifications	Limits
Transmittance	95% min
Heavy Metals, as Pb% by wt	10PPM max
Loss on Drying	4.5% max
5-Benzyl-3, 6-dioxo-2-piperazineacetic acid	1.5 % max
Molecular Weight (theoretical)	294.31
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.
Residue on Ignition	0.2% max
Specific Rotation	+14.5° - +16.5°
Description	A white, odorless, crystalline powder or granular, having a sweet taste.
Other related substances	2.0% max
Assay %	(on dry matter) 98.0% - 102.0%



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Specifications	Limits
Molecular Formula	C14H18N2O5
Solubility (grams/100 g water) at 100°C	Sparingly soluble in water; slightly soluble in alcohol
Arsenic PPM	3PPM Max



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