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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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Disclaimer: this is a web generated product specification and property document. All information on this document is subject to reconfirmation at time of quote and order.