

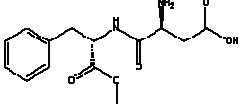


GC CHEMICALS

## Product Name: Aspartame

Aspartame is an odorless, low-calorie intensive sweetener. It is chemically pure and contains no additives, preservatives, or colors. Aspartame is GMO free and BSE free. It is widely used in products like table-top sweeteners, carbonated beverages, jams, instant coffee, frozen milk products, chewing gums and salad dressings. Aspartame is available in different grades, such as powder, granules, troche and liquid.

## Sales Specification

Product Grade		Aspartame (Regular Granular)	
Structure	<chem>C14H18N2O5</chem> 	CAS No.	22839-47-0
		Quantity	---
		Source of Product	From the package in workshop
Inspection Standard		FCC IX/USP 37/E951	
Item		Criteria	
1. Appearance		White crystalline Granular	
2. Solubility		Sparingly soluble in water and ethanol	
3. Assay (Titrimetric)		98.0% to 102.0% (dried basis.)	
4. Specific Rotation $[\alpha]_D^{20}$		+14.5° to +16.5°	
5. Loss on Drying		≤4.5%	
6. Residue on Ignition (Sulphated Ash)		≤0.2%	
7. Diketopiperazine 5-Benzy1-3, 6-Dioxo-2-Piperazineacetic Acid)		≤1.5%	
8. Other Related Substances		≤2.0%	
9. Transmittance		95.0% min.	
10. Heavy Metals (as Pb)		≤10 mg/kg	
11. Lead		≤1 mg/kg	
12. Arsenic (as As)		≤3 mg/kg	
13. pH		4.5 to 6.0 units	
14. Particle Size		20-60 mesh	
Packaging/Shipping	- Standard Packaging: 25kg net weight with inner package of food used film bag in carton Box or Fiber Drum. - Custom packaging is available. - Transportation: Non-hazardous.		
Storage	Store under dry and cool condition, and keep product air-tight.		

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TARTRATE PRODUCERS SINCE 1907

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