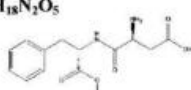


Physical, Chemical Tests

Product Grade		SinoSweet® Aspartame (Super Fine Powder)	
Structure	<div>C₁₄H₁₈N₂O₅</div> <div></div>	CAS no.	[22839-47-0]
		Quantity	1000kg
		Source of Product	From the package in workshop
Inspection Standard		FCCIX/USP37	
Item		Criteria	Test Result / Remarks
Appearance		White crystalline Powder	White crystalline Powder
Assay (Titrimetric)		98.0% to 102.0% (dried basis.)	99.66%
Specific Rotation [α] ²⁰ _D		+14.5° to +16.5°	+15.18°
Loss on Drying		≤4.5%	3.62%
Residue on Ignition (Sulphated Ash)		≤0.2%	0.13%
Diketopiperazine (5-Benzyl-3, 6-Dioxo-2-Piperazineacetic Acid)		≤1.5%	0.05%
Organic Volatile Impurities		In conformity with USP	Conforms
Other Related Substances		≤2.0%	1.55%
Transmittance		≥95.0%	99.2%
Heavy Metals(as Pb)		≤10mg/kg	<10 mg/kg
Lead		≤ 1 mg/kg	<1 mg/kg
pH		4.5 to 6.0 units	5.05
Particle Size		Through 300 mesh	Conforms
Packaging/Shipping	◆ 20kg net weight carton boxes or fiber drums with inner liner; ◆ Custom packaging is available upon request; ◆ Transportation: Non-hazardous.		
Storage	Store under dry and cool condition, and keep product air-tight.		
Conclusion	The product meets the requirements of FCCIX/USP37.		