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## ASPARTAME – FCC/USP

### SALES SPECIFICATIONS

CAS Number: 22-839-47-0

PROPERTY	LIMITS
Appearance	White powder or granular
Assay, %	98.0 – 102.0
pH	4.5 – 6.0
Specific Rotation	+14.5 ° - +16.5 °
Arsenic, ppm	3 Maximum
Transmittance, %	95.0 Minimum
Loss on Drying, %	4.5 Maximum
Optical Isomers, %	0.04 Maximum
Heavy Metals, ppm	10 Maximum
Residue on Ignition, %	0.2 Maximum
Impurities, %	2.0 Maximum
Organic Volatile Impurities	Meets the requirements
Fungi, g	100 Maximum
Total Aerobic Bacteria, g	250 Maximum
Retained on 20 Mesh, %	3.0 Maximum
Retained on 60 Mesh, %	80 – 100
Through 80 Mesh, %	3.5 Maximum
Microorganisms of Public Health Concern	None
Unpacked Density, g/ml	0.60 – 0.10