

Product Name: Aspartame

Test Item	Specification(FCC/USP/EP)
Assay(dry basis) %	98.0-102.0
Loss on drying %	≤4.5
Residue on ignition %	≤0.2
Diketopiperazine,DKP %	≤1.5
Phenylalanine(Ph,Eur) %	≤0.5
Other related substances %	≤1.5
Chromatographic purity %	≤1.5
Organic Impurities μg/g	≤20
PH(0.8% in water)	4.5-6.0
Conductivity(0.8% in water)(Ph.Eur)	≤30 μS/cm
Specific rotation	+14.5° and +16.5°
Transmittance	≥0.95
Heavy Metal(as Pb), ppm	≤10
Arsenic, ppm	≤3
Lead(Pb), ppm	≤1
Aerobic colony count, cfu/g	≤250
Yeast and Mould, cfu/g	≤100
Coliforms, cfu/g	≤10
E-Coli	Negative
Salmonella	Negative