

SPECIFICATION

Aspartame

ITEMS	STANDARD
APPEARANCE	WHITE GRANULAR OR POWDER
ASSAY (ON DRY BASIS)	98.00%-102.00%
TASTE	PURE
SPECIFIC ROTATION	+14.50°~+16.50°
TRANSMITTANCE	≥ 95.0%
ARSENIC(AS)	≤ 3PPM
LOSS ON DRYING	≤ 4.50%
RESIDUE ON IGNITION	≤ 0.20%
L-a-ASPARTY-L-PHENYLALANINE	≤ 0.25%
PH	4.50-6.00
L-PHENYLALANINE	≤ 0.50%
HEAVY METAL(PB)	≤ 10PPM
CONDUCTIVITY	≤ 30
5-BENZYL-3,6-DIOXO-2-PIPERAZINEACETIC ACID	≤ 1.5%
OTHER RELATED SUBSTANCES	≤ 2.0%
FLUORID(PPM)	≤ 10
PH VALUE	3.5-4.5

Aspartame meets all the requirements of the current FCC, USP/NF, JECFA, EP and JP.