



Specification Sheet

Commodity: D-Aspartic acid	CAS No.: 1783-96-6
Shelf Life: 2Years	Packing: 25kg per drum

ITEM	LIMIT
DESCRIPTION	WHITE CRYSTALLINE POWDER
ASSAY	98.5%~101.0%
SPECIFIC ROTATION $[\alpha]_D^{20}$	-24.0 ~ -26.0°
PH	2.50 ~ 3.50
LOSS ON DRYING	≤ 0.20 %
RESIDUE ON IGNITION	≤ 0.10%
CHLORIDE	≤ 0.02%
IRON (Fe)	≤10 PPM
AMMONIUM (NH ₄ ⁺)	≤ 0.02%
SULFATE(SO ₄ ²⁻)	≤0.02%
HEAVY METALS	Total heavy metals(As lead): ≤10 PPM
	As ≤1 PPM
	Hg ≤1 PPM
	Cd ≤1 PPM
	Pb ≤1 PPM
MICROBIOLOGICAL PARAMETERS	Total plate count: ≤1000cfu/g
	Moulds & Yeasts: ≤100cfu/g
	Coliform: ≤100cfu/g
	E.Coli: Negative
	Salmonella: Negative
	Staphylococcus Aureus: Negative