

Specification of L-Arginine Alpha Ketoglutarate

Product:L-Arginine Alpha Ketoglutarate (AAKG)

Type: Food Grade

Package: 25KG Drum

SPECIFICATION: (in-house standard)

Assay	98.0% - 102.0%
L-Arginine	65.0% - 69.0%
α -ketoglutarate	26.0% - 29.0%
Optical rotation	+ 16.5° - +18.5°
PH	5.5 – 7.0
Heavy metals	≤0.001%
Loss on drying	≤1.0%
Residue on ignition	≤0.2%
Chloride(as Cl)	≤0.05%
Hydrate	≤6.8
Iron	≤10ppm

Physical description:
White or nearly white crystalline powder.
Shelf life: two years

Function:
Nutritional supplement.

Packing and storage:
25kg paper drums with 2 pieces polyethylene intermediate layer. It should be stored in dry, normal room temperature condition and no direct sunshine.