

Quality Specification of AAKG (1:1)

Product: **AAKG (1:1) (L-Arginine Alpha-Ketoglutarate 1:1)**

CAS No.: 16856-18-1

Shelf Life: 2 Years

Item	Specification
Appearance	White to off white powder
Identification	Positive
Assay (HPLC)	98.0%~102.0%
L-Arginine (HPLC)	50.5%~55.5%
Alpha-Ketoglutaric Acid (HPLC)	41.5%~46.5%
Specific Rotation	+13.5~+15.5°
pH Value	3.0~4.0
Loss on Drying	≤ 1.0%
Residue on Ignition	≤ 0.2%
Heavy Metals	≤ 10 ppm
Total Plate Count (cfu/g)	≤ 1,000
Yeast (cfu/g)	≤ 100
Salmonella	Negative
E. Coli	Negative

Storage: Store cool and dry place, keep away from strong light and heat.

Note: The product is tested in accordance with enterprise quality standards. An actual batch product's quality meets or is better than the specification requirements.