

## **Quality Specification of AAKG (2:1)**

Product: **AAKG (2:1) (L-Arginine Alpha-Ketoglutarate 2:1)**

CAS No.: 5256-76-8

Shelf Life: 2 Years

<b>Item</b>	<b>Specification</b>
Appearance	White to off white powder
Identification	Positive
Assay (HPLC)	98.0%~102.0%
L-Arginine (HPLC)	64.7%~71.5%
Alpha-Ketoglutaric Acid (HPLC)	25.5%~30.5%
Specific Rotation	+16.5~+18.5°
pH Value	5.5~7.0
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.