



Shaanxi LonierHerb Bio-Technology Co., Ltd.

Add: No.56 Jinye Road, Hi-tech Zone, Xi'an China 710077

Tel: +86-29-87551862/ 85875292

www.Lonierherb.com E-mail:info@lonierherb.com

V2.01-2021

Certificate of Analysis

Product Information

Product Name	Calcium Alpha Ketoglutarate	Report Number	CAK20230738
CAS No.	402726-78-7 (71686-01-6)	Manufacture Date	2023/07/13
Batch Number	CAK230713	Analysis Date	2023/07/18
Batch Quantity	600Kg	Expiry Date	2025/07/12

<i>Test Items</i>	<i>Specifications</i>	<i>Result</i>
Appearance	White to Off-white Powder	Conforms
Identification	¹ HNMR conforms to structure	Conforms
Purity (HPLC)	≥98.0%	99.32%
pH	6.0 ~ 8.0	7.10%
Ca ⁺ (On dried basis)	18.0% ~ 21.0%	19.20%
Loss on Drying	≤7.0%	4.60%
Lead (Pb)	<2.0mg/kg	Conforms
Arsenic (As)	<3.0mg/kg	Conforms
Cadmium (Cd)	<2.5mg/kg	Conforms
Mercury (Hg)	<1.5mg/kg	Conforms
Total Aerobic Count	≤1000cfu/g	Conforms
Yeast & Moulds	≤300cfu/g	Conforms
Coliforms	≤10cfu/g	Conforms

Conclusion

Conclusion	To be complied with in-house Specification.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娜

Checker: 李明

Approved:

