

Certificate of Analysis

Product Name	Calcium pyruvate	Mfg. Date	2019.09.28
Batch No.	PBG20190928	Exp. Date	2021.09.27

Items	Specifications	Results
Appearance	White crystalline powder	Complies
Identification	Positive Reaction	Complies
Assay(on a dry basis)	≥98.0%	98.56%
Loss on Drying	≤10%	7.09%
Calcium Ion	≥15%	15.03
Acidic Radical	≥60%	62.25%
Bulk Density	0.5~0.9g/ml	0.85g/ml
Particle Size	NLT 98% pass 80 mesh	100% pass 80 mesh
Heavy Metals	≤10.0ppm	Complies
As	≤1.0ppm	Complies
Pb	≤2.0ppm	Complies
Cd	≤1.0ppm	Complies
Hg	≤0.1ppm	Complies
Microbiological		
Total Plate Count	≤1,000cfu/g	Complies
Yeast & Mold	≤1,00cfu/g	Complies
E.Coil	Negative/10g	Complies
Salmonella	Negative/25g	Complies
Staphylococcus	Negative/10g	Complies
Conclusion	Conform with in house standard.	

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

Shelf Life: 2 years when properly stored.