

**ACROSS BIOTECH**

MAKE A DIFFERENCE

Certificate of Analysis

Name:	Calcium L-Threonate	CAS number:	70753-61-6
Quantity:	620KGs	Batch No.:	2021070601
MFG Date:	2021/07/06	EXP Date:	2023/07/05
Package:	25kg/drum	Standard:	GB/USP

Test items	Specification	Result
Description	White or almost white powder	Conform
Identification	Positive	Conform
pH	5.8~7.0	6.5
Specific rotation	+13.0°~+16.0°	+14.3°
Water insoluble	≤ 0.1%	≤ 0.1%
Loss on drying	≤1.0%	0.02%
Heavy metals(Pb)	≤10ppm	<10ppm
Lead	≤0.5ppm	<0.5ppm
Arsenic	≤1ppm	<1ppm
Iron	≤100ppm	<100ppm
Copper	≤0.5ppm	<0.5ppm
Mercury	≤0.5ppm	<0.5ppm
Cadmium	≤1ppm	<1ppm
Assay	≥98.0%	99.6%
Particle Size	≥ 20mesh	Conform
Bulk density	0.20~0.30g/ml	0.22g/ml
Tapped density	0.45~0.70g/ml	0.48g/ml

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Aerobic Plate Count	≤ 1000 CFU/g	< 1000 CFU/g
Yeast & Mould	≤ 100 CFU/g	< 100 CFU/g
Salmonella	Negative	Confrom
E. coli (MPN/g)	Negative	Conform

Inspector: Meng Cheng

Checker: Yun Li