Xi'an OriginBio Technology Co., Ltd

西安知源生物科技有限公司

Lipipowders® MCT Oil Powder
Certificate of Analysis

Product Name:	MCT Oil Powder	Report No.:	J2511028
Product Code:	LMCTc-A65	Batch No.:	LMCTc-A65251105
Specification:	65%, CWD	Quantity:	Sample
Manufacture Date:	6-Nov-2025	Expiry Date:	5-Nov-2027

TEST ITEMS	SPECIFICATIONS	TEST RESULTS	TEST METHODS
Physical & Chemical Data			
Appearance	White to almost white or yellow free-flowing powder	Conforms	Visual
Analytical Quality			
Loss on Drying	≤8.0%	3.10%	USP<731>
Bulk Density	0.20g/mL-0.45g/mL	0.26g/mL	USP<616>
Total Fat	≥65.0%	66.02%	Acidic Hydrolysis
Assay			
Caprylic Acid (in fat)	≥50.0%	56.53%	GC
Capric Acid (in fat)	≥35.0%	43.07%	GC
***Contaminants**			
Lead (Pb)	≤1ppm	Certified	GF-AAS
Arsenic (As)	≤1ppm	Certified	HG-AAS
Cadmium (Cd)	≤1ppm	Certified	GF-AAS
Mercury (Hg)	≤0.1ppm	Certified	HG-AAS
Microbiological			
Total Aerobic Microbial Count	≤1000cfu/g	<10cfu/g	USP<61>
Total Moulds and Yeasts Count	≤100cfu/g	<10cfu/g	USP<61>
Enterobacterial	≤10cfu/g	<10cfu/g	USP<62>
*Salmonella	Negative/10g	Certified	USP<62>
*E. coli	Negative/10g	Certified	USP<62>
*Staphylococcus Aureus	Negative/10g	Certified	USP<62>
*Enterobacter Sakazakii	Negative/10g	Certified	ISO 22964

Remarks：* Performs the tests once a year.
"Certified" indicates that data are obtained by statistically-designed sampling audits.

Conclusion:	Conform to the in-house standard.
Shelf Life:	The product may be stored for 24 months in the unopened original container at room temperature.
Packing & Storage:	10kg heat-sealable aluminum foil bags, and two bags in a carton.
	It shall be stored in tightly closed containers at room temperature, and protected from heat, light, moisture and oxygen.

Analyst：贺丽丽
Date：13-Nov-2025

Supervisor：肖英
Date：13-Nov-2025

Authorized：
Date：13-Nov-2025

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INSPECTION

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