

Certificate of Analysis

Product Name: MCT Oil Powder
 Specification: 70%
 Manufacture Date: Sept.16,2019

Batch No.: MCTo-A70190933
 Quantity: 1150kg
 Expiry Date: Sept.15,2021

Test items	Specifications	Standard	Test Results	Test Methods
Physical & chemical Data				
Appearance	White to almost white free-flowing powder	In-house	Almost white free-flowing powder	Visual
Analytical Quality				
Loss on drying	≤ 5.0%		2.00%	USP<731>
Total fat	≥ 70.0%	In-house	72.66%	AOAC 2003.06
Assay				
Caprylic acid (in fat)	≥ 95.0%		96.72%	GC
Contaminants				
Lead (Pb)	≤ 1ppm		Certified	USP<251>
Arsenic (As)	≤ 1ppm		Certified	USP<211>
Cadmium (Cd)	≤ 1ppm	In-house	Certified	EN ISO 17294
Mercury (Hg)	≤ 0.1ppm		Certified	USP<261>
Microbiological				
Total aerobic microbial count	≤ 1000cfu/g		12cfu/g	USP<61>
Total moulds and yeasts count	≤ 100cfu/g		0cfu/g	USP<61>
Enterobacterial	≤ 10cfu/g		0cfu/g	USP<61>
*Salmonella	n.d./25g	In-house	Certified	USP<62>
*Escherichia coli	n.d./10g		Certified	USP<62>
*Staphylococcus aureus	n.d./10g		Certified	USP<62>

Remark: * Performed the tests four times a year.

"Certified" Indicates data obtained by statistically designed sampling audits.

Conclusion: Conform to the in-house Standard and USP39 and EP8.0
 Shelf Life: 24 months in the unopened original container at room temperature.
 Packing & Storage: 10kg net seal-heated aluminum foil bags, Two bags packed in corrugated paper carton (Food grade).
 It shall be stored at ambient or cold temperature, dry conditions, protected from heat, light and oxygen.

QC:

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QA:

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