

**Certificate of Analysis**

<b>Product Information</b>			
Product Name	Medium Chain Triglycerides Powder	Report Number	Mc-SM50200417
Source	Coconut Oil	Manufacture Date	2020/03/26
Specification	50%	Analysis Date	2020/03/31
Batch Number	Mc-SM50200326	Report Date	2020/04/05
Batch Quantity	1000Kg	Expiry Date	2022/03/25
<i>Test items</i>	<i>Specifications</i>	<i>Result</i>	<i>Test Methods</i>
<b>Analytical Quality</b>			
Assay			
Caprylic Acid (as fat)	≥ 50.0%	55.51%	GC
Capric Acid(as fat)	≥35.0%	42.84%	GC
<b>Physical &amp; Chemical Data</b>			
Appearance	White to almost white free-flowing Powder	Conforms	Visual
Odor	Characteristic	Conforms	Organoleptic
Loss on drying	≤ 5.0%	2.02%	105°C/2 hrs
Total Fat	> 50.0%	52.00%	Basic Hydrolysis
Carrier	Starch Sodium	Conforms	
Sieve Analysis	90% through 60 mesh	Conforms	60 Mesh Screen
Bulk Density	30~50 g/100mL	38.36%	GB/T 18798.5
<b>Contaminants</b>			
Lead (Pb)	<1.0mg/kg	Conforms	ICP-MS
Arsenic (As)	<1.0mg/kg	Conforms	ICP-MS
Cadmium (Cd)	<1.0mg/kg	Conforms	ICP-MS
Mercury (Hg)	<0.1mg/kg	Conforms	ICP-MS
Pesticide Residue	Complied with E.P	Conforms	
Aflatoxin B1,B2,G1,G2	<10ppb	Conforms	
Benzopirenos	<10ppb	Conforms	Eu.2015/1933
PAH's	<50ppb	Conforms	Eu.2015/1933
<b>Microbiological</b>			
Total Aerobic Count	≤ 3000cfu/g	220cfu/g	GB 4789.2
Yeast & Moulds	≤ 300cfu/g	70cfu/g	GB 4789.15
E-Coli	Negative	Conforms	GB 4789.3
Salmonella	Negative	Conforms	GB 4789.4
Staphylococcus Aureus	Negative	Conforms	GB 4789.10
<b>Storage &amp; Packing</b>			
Shelf Life:	2 years when properly stored.		
Packing :	Packed in Carton and Aluminum Foil Bag inside.		
Storage:	Store in cool & dry place, not freeze. Keep away from strong light.		



Tested by: 张丽娜

Checker: 李明

Approved:

