

**Product Technical Data Sheet**

Product name: MCT 50% Powder S Coconut

AC code: AC03001n



**1. Technical Data Sheet**

Chemical Name	N/A
CAS number	65381-09-1
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

**Brief introduction:**

MCT 50% Powder S Coconut is a white or off-white, free flowing powder. It is formulated from an oil-in-water emulsion composed of medium-chain triglyceride oil, embedded and then spray-dried to be a solid powder.

Item	Standard	Analysis Method
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**Appearance & Solubility**

Appearance	White or off-white, Free flowing dry powder	
Odor and Taste	No rancid, stale, spoiled, moldy and other odors	

**Typical Analysis**

Item	Standard Specification	
Milk protein allergens	<2.5mg/kg	Kits
Total fat content	46-54%	GB 5009.6
C8 (of total fatty acids)	≥55%	GB 5009.168
C8+C10 (of total fatty acid)	≥95%	GB 5009.168
Trans fatty acids	≤1.0%	GB 5009.257
Acid value	≤1.0mg KOH/g	GB 5009.229
Peroxide Value*	≤1.0mmol/kg	GB 5009.227
Moisture	≤3.0%	GB 5009.3
Ash	≤5.0%	GB 5009.4
Total arsenic (as As)	≤0.1mg/kg	GB 5009.11
Lead (as Pb)	≤0.08mg/kg	GB 5009.12
Total mercury (as Hg)	≤0.02mg/kg	GB 5009.17
3-MCPD (Calculate in free state)	≤0.30mg/kg	AOCS Cd 29b-13
Glycidyl ester	≤0.15mg/kg	AOCS Cd 29b-13
DBP	≤0.3mg/kg	GB 5009.271
DEHP	≤1.5mg/kg	GB 5009.271
DINP	≤9.0mg/kg	GB 5009.271
Benzo(a)pyrene	≤2.0µg/kg	GB 5009.27
Aflatoxins B1	≤0.5µg/kg	GB 5009.22
Aflatoxins M1	≤0.5µg/kg	GB 5009.24

**Microorganism**

Aerobic Plate Count(CFU/g)	n c m M 5 0 1000 -	GB 4789.2
Coliforms(CFU/g)	n c m M 5 0 10 -	GB 4789.3

Mould	<10CFU/g	GB 4789.15
Yeast	<10CFU/g	GB 4789.15
Staphylococcus aureus (CFU/g)	n c m M 5 0 <10 -	GB 4789.10
Enterobacter sakazakii(/100g)	n c m M 5 0 0 -	GB 4789.40
Salmonella(/25g)	n c m M 5 0 0 -	GB 4789.4
<p>(1) * Refers to required test items.  (2) Causal test. Not each batch is tested.  (3) ND means not detected.</p>		
<b>Storage &amp; Shelf Life</b>		
Package	10kg/ bag, 20kg/ carton (regular)	
Shelf life	2 years	
Storage	indoor, clean, dry, avoid strong sunlight and keeping ventilated.	