

**Product Technical Data Sheet**

Product name: CLA 40% Powder

AC code: AC03001h



**1. Technical Data Sheet**

Chemical Name	N/A
CAS number	2420-56-6
Compliance (Food / Pharmacopoeia / FCC / Feed)	Food Supplement

**Brief introduction:**

CLA (Conjugated linoleic acid) is a fatty acid that occurs naturally in some animal fats and vegetable oils and is often used as a dietary supplement.

Item	Standard	Analysis Method
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**Appearance & Solubility**

Appearance	Uniform white or off-white powder	
Odor and Taste	Special smell of oil, no smell of rancidity etc	

**Typical Analysis**

Item	Standard Specification	
CLA content	40.0-44.0g/100g powder	GB 5009.168
Fat content	47.0-53.0 %	GB 5009.6
Peroxide value	≤5.0 mmol/kg	GB 5009.227
Loss on drying(moisture)	≤4 .0%	GB 5009.3
Bulk density	0.40-0.60 g/mL	ISO 8967
Ash	≤4 .0%	GB 5009.4
Aflatoxin B1	≤0 .5 ug/kg	GB 5009.22
Aflatoxin M1	≤0 .5 ug/kg	GB 5009.24

**Heavy metals**

Total heavy metal	≤10 .0ppm	GB 5009
Lead	≤0 .1ppm	GB 5009.12
Total arsenic (2)	≤0 .1ppm	GB 5009.11
Cadmium	≤0 .1ppm	GB 5009.15
Mercury	≤0.02ppm	GB 5009.17
Chromium	≤0.02ppm	GB 5009.123
enzo(a)pyrene	≤1 .0ug/kg	ISO 7981-1
Sum of benzo(a) pyrene, benzo(a) anthracene,chrysene and benzo(b) fluoranthene*	≤4 .0ug/kg	ISO 7981-1

**Microorganism**

Total bacterial count	≤1000 CFU/g	GB 4789.2
Moulds	≤20 CFU/g	GB 4789.15
Yeasts	≤20 CFU/g	GB 4789.15
* Coliforms	<10 CFU/g	GB 4789.3
Salmonella	ND (3)/25g	GB 4789.4
Staphylococcus aureus	ND (3)/25g	GB 4789.10
<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 (regular)/bag, 10kgX2/carton	
Shelf life	2 years	
Storage	Store in unopened original package under clean and dry condition, away from direct sunlight.	