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Product Master Specification

Item Name	**Medium Chain Triglyceride MCT Oil Powder 50% MCT Vegan**
Product Code	NIGENUL1005171
Product Type	Nutritional Lipids
Issue Date	**23-Nov-2026**
Version	**V01**
QA Status	Final Approved
Intended use	Food use
Test	Specification
Organoleptic	
Appearance	White to off-white free flowing powder
Odour and Taste	Characteristic
Characteristics	
Irradiation	Free
GMO	Free
BSE/TSE	Free
Product Specific Test	
Fatty acid C06	≤ 10 mg/g
Fatty acid C08	As Tested (Typical range 250 mg/g ±5%)
Fatty acid C10	As Tested (Typical range 150 mg/g ±5%)
Physical/Chemical	
Particle Size	> 60% thru 20 mesh
Bulk Density	0.20 – 0.65 gm/ml
Moisture	< 3 %
Peroxide Value	< 10 mEq/kg
Trans Fat	< 0.5 mg/g
Heavy Metals	
Heavy Metals Total	< 5 ppm
Lead (Pb)	< 1 ppm
Arsenic (As)	< 1 ppm
Microbiological	
Total Plate Count	< 1,000 CFU/g
Yeast	< 100 CFU/g
Mould	< 100 CFU/g

Coliforms	< 10 CFU/g
Escherichia coli (E. coli)	Negative
Salmonella	Negative
Staphylococcus aureus	Negative
Storage & Handling	
Storage	Store in a clean, cool, dry place at 5 - 25°C. Protect from humidity (RH < 60) and sunlight.
Preparation and/or handling before use or processing	Please ask our QA department for detailed instructions
Transportation	Transportation suitable for dried food powders
Packaging	All packaging meets EU regulations
Shelf Life	2 years from manufacture if stored according to conditions above
Approved by	Quality Department
Signed By	Alfie Edwards
Disclaimer	All batches are fully in line with all requirements of the agreed specifications as standard, however not all parameters are tested per batch all of the time. Nutraceuticals Group guarantee all batches.
Template Version	NGEMNSPEC202408a
Nutritional (Typical) / 100g	
General Information	While Nutraceuticals Group strives to provide comprehensive information about all ingredients, the specific nutritional data for this product is currently not available. We recommend conducting further analysis if precise nutritional information is required for your product labelling.