

# Celnutra™ DM 1.5

Formula feed for diabetes care

**Chronutrition for sustained energy in critical care**



Nucgnex™



## Nutrition Information

Nutrients	Unit	Per 100 g	Per serving 50g	% RDA per serving*
Energy	Kcal	460	230	10.9%
Protein	G	24	12	22.2%
Fat	G	20	10	40%
Saturated Fatty Acids	G	4.5	2.25	**
Poly unsaturated fatty acids (PUFA)	G	4.5	2.25	**
Mono unsaturated fatty acids (MUFA)	G	11	5.5	**
Linoleic acid	g	0.35	0.175	**
ALA	Mg	0.75	0.375	**
Trans Fatty Acids	G	0	0	**
Cholesterol	Mg	0	0	**
Carbohydrates	G	41	20.5	**
Of which Sugar (Sucrose)	G	0	0	**
Fiber	G	10	5	16.6%
Lycopene 10%	Mg	5	2.5	**
<b>Vitamins</b>				
Vitamin A (as acetate)	Mcg	500	250	25%
Vitamin C (Ascorbic acid)	Mg	80	40	50%
Vitamin B3 (Niacinamide)	Mg	14	7	50%
Vitamin B2 (Riboflavin)	Mg	1	0.5	25%
Vitamin B6 (Pyridoxine HCL)	Mg	1.9	0.95	50%
Vitamin B1 (Thiamine HCL)	Mg	1.4	0.7	50%
Vitamin B5 (Calcium D Pantothenate)	Mg	5	2.5	50%
Vitamin E (as tocopherol acetate)	Mg	5	2.5	25%
Vitamin B12	Mcg	2.2	1.1	50.00%
Folic acid	Mcg	150	75	42.5%
Biotin	Mcg	22	11	31.43%
Choline	Mg	130	65	**
Vitamin K	Mcg	30	15	27.27%
Vitamin D	Iu	400	200	33.3%
<b>Minerals</b>				
Calcium (Tricalcium Phosphate)	Mg	500	250	25%
Chromium Picolinate	Mcg	40	20	40%
Phosphorus	Mg	320	160	16.25%
Sodium	Mg	200	100	5%
Potassium	Mg	350	175	5%
Magnesium	Mg	220	110	25.00%
Iron	Mg	5	2.5	13.16%
Zinc	Mg	8	4	23.50%
Manganese	Mg	2	1	25%
Copper	Mg	0.4	0.2	11.77%
Iodine	Mcg	35	17.5	12.5%
Selenium	Mcg	30	15	37.50%
Molybdenum	Mcg	35	17.5	**
Chloride	Mg	174	87	**
Coenzyme Q 10	Mg	100	50	**
L-Taurine	Mg	100	50	**
L-Carnitine	Mg	200	100	**
L-Arginine	Mg	1.0	0.5	**
L-Glutamine	Mg	1.5	0.75	**
Myoinositol	Mg	300	150	**
Probiotic Blend	Million spores	5	2.5	**

## Nutritional Application:

- Helps to attend post prandial glycemc excursions.
- For patients with type-1 or type-2 diabetes or abnormal glucose response.
- In critical care, hospitalised malnourished patients, stress induced hyperglycemia, hyperglycemia due to illness, trauma and infection, drug induced hyperglycemia, patient with obesity.
- Can be used for Enteral Feeding (NG, PEG and other Ryle's tube feeding) as per clinical judgement.
- Can be used as Oral Nutrition supplement for Hospitalised and OPD patients.
- Also, can be used as a partial meal replacement- 1 serving of Celnutra 1.5 DM can be used before major meals for managing portion size and glucose response depending upon clinical condition and clinical judgement.

## Features

- 20% of calories from protein to help promote anabolism and support wound healing.
- The American Diabetes Association and American Heart Association recommendations favours monounsaturated fats and limiting saturated fat to help manage lipid profiles.
- Provides an excellent source of plant-based omega-3 fatty acids to support cardiovascular health.
- At 1.5 Kcal/mL, patient needs can be met with less volume.
- It is enriched with polydextrose, isomaltulose and is glycerin based. These are slow releasing carbohydrate that can be completely metabolized without requiring insulin.
- High in selenium: 1 serving (50g) meets about 38 % of RDA for Selenium, thus helps in insulin sensitivity.
- Chromium picolinate is a more bioavailable form of chromium.
- Enriched with a unique Probiotic Blend (*Lactobacillus rhamnosus*, *Bifidobacterium bifidum*, *Lactobacillus acidophilus*, *Bacillus coagulans*).
- High in MUFA, making up to 20% energy as per RDA recommendations.
- Enriched with Myoinositol, Taurine, Carnitine, Arginine, Glutamine, CoQ10 which helps in effective management of diabetes-related complications.
- Gluten-free.

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## Product Specifications:

**Calorie Density: 1.5 Kcal/ml**

**Carbohydrate source:** Polydextrose, Isomaltulose (Palatinose), Corn powder, Glycerin powder

**Protein source:** Skimmed Milk Powder, Whey Protein Hydrolysate, Whey Protein Concentrate (Instant)

**Fat source:** MCT fat Powder, High Oleic Sunflower Powder, Canola oil, Algal oil

**Fiber source:** Cellular carbs, Resistant Maltodextrin, Hydrolyzed Guar Gum, Inulin, FOS

**Probiotic source:** *Lactobacillus rhamnosus*, *Bifidobacterium bifidum*, *Lactobacillus acidophilus*, *Bacillus coagulans*

**Osmolarity: 390 mosmol/L**

**Glycemic Index: 47**

**Renal Solute Load: 40.5mOsm/ 100ml**

**NPC to N Ratio per 100g: 95:1**

## Calorie Distribution: Sustained Released Energy Formula

Nutrients	100 g 460 Kcal	Per serving 50g-230 Kcal	Energy %
Protein blend	24 g	12 g	21%
Fiber blend	10 g	5 g	4%
Lipid blend	20 g	10 g	39%
Carbohydrate blend	41 g	20.5g	36%

## Safety precautions

Not for IV use.

Not suitable for people with galactosemia.

## Ingredients:

Skimmed Milk Powder, Whey Protein Hydrolysate, Whey Protein Concentrate (Instant), Resistant Maltodextrin (Fibersol), FOS, Inulin, Hydrolyzed Guar gum, Corn powder, Soy Protein Isolate, Polydextrose, Isomaltulose (Palatinose), Glycerin powder, MCT fat Powder, High Oleic Sunflower Powder, Canola oil, Algal oil, L-Taurine, L-Arginine, L-Glutamine, L-Carnitine, L-Tartrate, Myoinositol, Probiotic blend (*Lactobacillus rhamnosus*, *Bifidobacterium bifidum*, *Lactobacillus acidophilus*, *Bacillus coagulans*), Vitamins & Minerals blend.

## Storage Instructions:

- The jar contains the sealed Aluminium foil pouch. Once open the content to be used within 4 weeks.
- Store at room temperature, avoid extreme temperatures.
- After use close the lid of the jar and store at cool dry place.

- Once reconstituted use promptly within 12 hours at room temperature/Refrigerator.
- Care should be taken to avoid contamination during preparation of feed.
- All liquid medical foods, regardless of type of administration system, require careful handling because they can support microbial growth.

Follow these instructions for clean technique and proper setup to reduce the potential for microbial contamination.

**NOTE:** Failure to follow the Instructions for Use increases the potential for microbial contamination and reduces hangtime.

- Administer product at room temperature.
- THOROUGHLY wash hands with soap and water before handling container or feeding set.
- DO NOT touch any part of the container or feeding set that comes into contact with the formula.

## Instructions for Use:

Mix 5 scoops of Celnutra 1.5 DM in 50ml clean luke warm water to make smooth paste and then add more water (75ml) to make a desirable solution.

- Oral feeding:**
  - May be used for total or supplemental nutrition.
  - May be fed at room temperature or chilled.
- Tube Feeding:**
  - When initiating feeding, follow the physician's instructions.
  - Adjust flow rate and volume according to the patient's condition and tolerance.
  - Additional fluid requirements should be met by giving water between or after feedings or when flushing the tube.
  - Feed at room temperature using a feeding pump or syringe.
  - Follow directions for use provided by the manufacturer of feeding sets.

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