



Magnum Compounding LLC
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**LET'S DO THIS
TOGETHER**

COMPOUNDED INJECTABLE FORMULA INFORMATION SHEET

Product Name: MIC-B12 Injection (Methionine / Inositol / Choline / Methylcobalamin)

Formulation Type: Sterile Injectable Solution (Intramuscular Use / Subcutaneous Use).

Vial Size: 30 mL Multi-Dose Vial (MDV).

ACTIVE INGREDIENTS (per mL)

Ingredients	Strength (mg / mL)	Role & Benefits
Methionine (L)	25	Lipotropic agent supports fat metabolism and liver function.
Inositol FCC	50	Lipotropic, metabolic support, neurotransmitter signaling.
Choline Chloride	50	Hepatoprotective, fat emulsifier, and transport, precursor for acetylcholine.
Methylcobalamin (B12)	1	Neurological health, red blood cell formation, and energy production.

OTHER INGREDIENTS:

- Benzyl Alcohol 0.9% (Preservative)
- Sterile Water for Injection, USP (Diluent / Base)
- pH adjusted with Sodium Hydroxide and/or Hydrochloric Acid may be used

DESCRIPTION: This compounded MIC-B12 Injection is designed to support lipid metabolism, liver detoxification, neurological function, and overall metabolic health. It combines three key lipotropic nutrients: Methionine, Inositol, and Choline.

INDICATIONS:

- Fat metabolism support and hepatic detox
- Weight management adjunct
- Cognitive and neurological function support
- Cellular energy and lipid regulation

DOSAGE & ADMINISTRATION

Route: Intramuscular (IM) / Subcutaneous (SC) Injection per provider discretion

If you have any questions or concerns regarding your medication, please do not hesitate to contact us.



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Typical Dosage: 1–3 mL weekly or as directed by the healthcare provider

Frequency: Once or twice weekly, depending on clinical needs

*This product is to be administered under licensed medical supervision.

STORAGE: Store at room temperature (59°F to 77°F). Protect from light. Do not freeze.

WARNINGS & PRECAUTIONS:

- Although Methionine is not a sulfonamide (sulfa drug), patients with a known sulfa allergy should consult their healthcare provider before using
- Consult your provider if pregnant, breastfeeding, or if you have liver/kidney impairment
- Discuss all medications, supplements, and medical conditions with your provider
- Grapefruit or its juice should be avoided during use.

POTENTIAL SIDE EFFECTS: Nausea, vomiting, diarrhea, anorexia. Headache or mild dizziness. Local injection site reactions. Rare: allergic reaction.

DRUG DISPOSAL: Unused or expired compounded medications should be disposed of properly according to local regulations. Do not flush medications down the toilet or pour them into a drain unless instructed to do so. Consult with your pharmacy or local waste disposal authority for appropriate disposal methods. Magnum Compounding can provide guidance or accept returned compounds for proper disposal when applicable.

SHIPPING & HANDLING: This medication is shipped with ice packs in insulated packaging. Do not use it if tampered, damaged, or exposed to temperatures outside the storage range. Contact the pharmacy if unsure.

INJECTION SAFETY CONSIDERATIONS (CDC GUIDANCE):

- Medications should be drawn up in a designated clean medication preparation area using a new sterile syringe and sterile needle.
- Prepare an injection as close as possible to the time of administration to the patient.
- Do NOT leave the needle inserted into a medication vial septum for multiple uses.
- Vials labeled as single-dose or single-use should be used for only a single patient and entered only once.
- Do NOT combine (pool) leftover contents of single-dose or single-use vials or store them for later use.

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- If a single-dose or single-use vial has been opened or accessed (e.g., needle-punctured), it should be discarded according to pharmacy policy or at the end of the procedure, whichever is sooner.
- Discard any medication vial if sterility is compromised or questionable.
- Multi-dose vials should be dedicated to a single patient whenever possible.
- Once opened, multi-dose vials must be dated and discarded within 28 days unless otherwise specified by the pharmacy label.

REFERENCE:

- StatPearls Biochemistry Articles
- NIH Office of Dietary Supplements
- Peer-reviewed literature
- United States Pharmacopeia (USP)
- Clinical Compounding Standards
- Peer-reviewed literature on lipotropic injection therapy

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