



COMPOUNDED INJECTABLE FORMULA INFORMATION SHEET

Product Name: AminoBlend (TRAVASOL® 10%)

Formulation Type: Sterile Injectable Intravenous Solution

Vial Size: 30 mL

ACTIVE INGREDIENTS (per mL):

Aminoacid Ingredient	Strength (mg/g/mL)	Function
Leucine	7.3mg	Stimulates muscle protein synthesis (mTOR activation); supports muscle preservation, wound healing, and metabolic recovery.
Isoleucine	6.0mg	Supports muscle metabolism, energy production, and glucose uptake; important for endurance and tissue repair.
Lysine HCl	5.8mg	Essential for collagen formation, tissue repair, calcium absorption, and immune function; supports wound healing.
Phenylalanine	5.6mg	Precursor to tyrosine and neurotransmitters (dopamine, norepinephrine); supports cognitive function and mood regulation.
Histidine	4.8mg	Required for hemoglobin synthesis and histamine production; supports tissue growth, repair, and acid-base balance.
Threonine	4.2mg	Important for protein synthesis, immune function, and formation of collagen and elastin.
Methionine	4.0mg	Sulfur-containing amino acid; supports detoxification (via glutathione synthesis), methylation, and liver function.
Tryptophan	1.8mg	Mood regulation, sleep, and immune health.
Alanine	2.07g/ 100ml	Energy production and nitrogen transport between tissues.
Arginine	1.18g/ 100ml	Vasodilation, circulation, immune response, and wound healing.
Glycine	1.03g/ 100ml	Collagen synthesis, detoxification, and central nervous system calming; im-
Proline	680mg/ 100ml	Collagen stability and connective tissue integrity; supports skin, joints, and
Serine	500mg/ 100ml	Cell membrane integrity, neurotransmitter synthesis, and immune function.
Tyrosine	40mg/ 100ml	Thyroid hormones and catecholamines; supports metabolic rate, stress re-

DESCRIPTION: Sterile intravenous amino acid solution providing a balanced mixture of essential and non essential amino acids. It is intended for intravenous administration after appropriate dilution, as prescribed by a licensed healthcare provider.



DOSAGE & ADMINISTRATION:

For intravenous (IV) use only after dilution. Dosage and infusion rate are determined by the prescriber based on individual nutritional requirements and clinical condition. Not for IV push.

This product is to be administered under licensed medical supervision.

ADDITIONAL CHARACTERISTICS

Concentration: 10% amino acids

Osmolarity: ~998 mOsmol/L

Aluminum content: NMT 25 µg/L

OVERVIEW & USES

Amino acids are essential for protein synthesis, tissue repair, metabolic processes, and overall cellular function. AminoBlend (TRAVASOL® 10%) is used in patients requiring parenteral nutrition due to malnutrition, metabolic disorders, postsurgical recovery, or conditions limiting oral intake.

STORAGE:

- Store at controlled room temperature (36.5F/ 46.4F).
- Protect from light and freezing.
- Use only if solution is clear and free from particles.
- Discard any unused portion.

WARNINGS & PRECAUTIONS:

Inform the prescriber of all medical conditions, allergies, and concurrent medications prior to use. Monitor for allergic reactions, electrolyte imbalances, or signs of intolerance.

Seek medical attention for rash, swelling, difficulty breathing, chest pain, severe fatigue, confusion, fluid overload, reduced urine output, or signs of hepatic dysfunction.

POTENTIAL SIDE EFFECTS:

- Injection site reactions (pain, redness)
- Dizziness or mild gastrointestinal discomfort
- Rare allergic reactions

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.



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.
- 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:

1. **TRAVASOL® (Amino Acids Injection, USP) – Prescribing Information**
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2. United States Pharmacopeia (USP–NF)
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4. **Wu G.**
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Amino Acids. 2009;37(1):1–17.
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Metabolic and therapeutic aspects of amino acids in clinical nutrition.
7. **Arginina & Óxido Nítrico**
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8. **Triptófano, serotonina y sistema nervioso**
Richard DM et al.
L-tryptophan: basic metabolic functions, behavioral research and therapeutic indications.
Int J Tryptophan Res. 2009;2:45–60.