

AMINO ACID ORAL- amino acid solution
Aspen Veterinary Resources, Ltd

Disclaimer: This drug has not been found by FDA to be safe and effective, and this labeling has not been approved by FDA. For further information about unapproved drugs, click here.

AMINO ACID ORAL SOLUTION

Supplemental Nutritive Source

For Animal Use Only

KEEP OUT OF REACH OF CHILDREN

INDICATIONS

For use as a supplemental nutritional supplemental source of amino acids, electrolytes, B-complex vitamins, and dextrose in cattle, horses, sheep and swine.

DOSAGE AND ADMINISTRATION

Administer orally as a drench. The usual recommended dose in adult cattle and horses is 500 to 3000 mL, depending on size and condition. For sheep and swine, administer 1 oz. per 10 pounds of body weight in drinking water consumed in one day.

Store between 15° and 30°C (59°-86°F).

PROTECT FROM LIGHT.

TAKE TIME OBSERVE LABEL DIRECTIONS

COMPOSITION

Each 100 mL of aqueous solution contains:

Dextrose•H ₂ O	5 g
Sodium Acetate•3H ₂ O	250 mg
Magnesium Sulfate•7H ₂ O	20 mg
Potassium Chloride	20 mg
Calcium Chloride•2H ₂ O	15 mg

Comprised of: Niacinamide, Pyridoxine HCl (B₆), d-Panthenol, Riboflavin (B₂), Cyanocobalamin (B₁₂), L-Argenine HCl, L-Cysteine HCl H₂O, L-Glutamic Acid, L-Histidine HCl H₂O, L-Isoleucine, L-Leucine, L-Lycine HCl, L-Methionine, L-Phenylamine, L-Theonine, L-Valine with Methylparaben 0.18%, Ethylparaben 0.01%, Propylparaben 0.02%.

INDICATIONS:

For use as a nutritional supplemental source of amino acids, electrolytes, B-complex vitamins, and dextrose in cattle, horses, sheep and swine.

DOSAGE AND ADMINISTRATION:

Administer orally as a drench. The usual recommended dosage in adult cattle and horses is 500 to 3000 mL depending on size and condition. For sheep and swine, administer 1 oz. per 10 pounds of body weight in drinking water consumed in one day.

STORAGE:

Store between 15°C and 30°C (59°F – 86°F).
PROTECT FROM LIGHT.



Manufactured for:

Aspen Veterinary Resources,® Ltd.
Liberty, MO 64068
www.aspenveterinaryresources.com
A-0010-06 Rev. 02/17 A107S

LOT NO: EXP. DATE:



AMINO ACID

**Oral Solution
Supplemental Nutritive Source**



**For Animal Use Only
KEEP OUT OF REACH
OF CHILDREN**

NET CONTENTS:
16.9 fl oz
(500 mL)

COMPOSITION:

Each 100 mL of aqueous solution contains:

Dextrose H ₂ O	5 g
Sodium Acetate 3H ₂ O	250 mg
Magnesium Sulfate 7H ₂ O	20 mg
Potassium Chloride	20 mg
Calcium Chloride 2H ₂ O	15 mg

Comprised of: Niacinamide, Pyridoxine HCl, Thiamine HCl, d-Panthenol, Riboflavin, Cyanocobalamin (B₁₂), L-Arginine HCl, L-Cysteine HCl H₂O, L-Glutamic Acid, L-Histidine HCl H₂O, L-Isoleudine, L-Leucine, L-Lydcne HCl, L-Methionine, L-Phenylalanine, L-Threonine, L-Valine, with Methylparaben 0.18%, Ethylparaben 0.01%, Propylparaben 0.02%.



INDICATIONS:

For use as a nutritional supplemental source of amino acids, electrolytes, B-complex vitamins, and dextrose in cattle, horses, sheep and swine.

DOSAGE AND ADMINISTRATION:

Administer orally as a drench. The usual recommended dosage in adult cattle and horses is 500 to 3000 mL depending on size and condition. For sheep and swine, administer 1 oz. per 10 pounds of body weight in drinking water consumed in one day.

STORAGE:

Store between 15°C and 30°C (59°F – 86°F).
PROTECT FROM LIGHT.



Manufactured for:

Aspen Veterinary Resources,® Ltd.
Liberty, MO 64068
www.aspenveterinaryresources.com
A-0010-06 Rev. 02/17 A107S

LOT NO: EXP. DATE:



AMINO ACID

**Oral Solution
Supplemental Nutritive Source**



**For Animal Use Only
KEEP OUT OF REACH
OF CHILDREN**

NET CONTENTS:
16.9 fl oz
(500 mL)

COMPOSITION:

Each 100 mL of aqueous solution contains:

Dextrose H ₂ O	5 g
Sodium Acetate 3H ₂ O	250 mg
Magnesium Sulfate 7H ₂ O	20 mg
Potassium Chloride	20 mg
Calcium Chloride 2H ₂ O	15 mg

Comprised of: Niacinamide, Pyridoxine HCl, Thiamine HCl, d-Panthenol, Riboflavin, Cyanocobalamin (B₁₂), L-Arginine HCl, L-Cysteine HCl H₂O, L-Glutamic Acid, L-Histidine HCl H₂O, L-Isoleudine, L-Leucine, L-Lydcne HCl, L-Methionine, L-Phenylalanine, L-Threonine, L-Valine, with Methylparaben 0.18%, Ethylparaben 0.01%, Propylparaben 0.02%.



INDICATIONS:
For use as a nutritional supplemental source of amino acids, electrolytes, B-complex vitamins, and dextrose in cattle, horses, sheep and swine.

DOSAGE AND ADMINISTRATION:
Administer orally as a drench. The usual recommended dosage in adult cattle and horses is 500 to 3000 mL depending on size and condition. For sheep and swine, administer 1 oz. per 10 pounds of body weight in drinking water consumed in one day.

STORAGE:
Store between 15°C and 30°C (59°F – 86°F).
PROTECT FROM LIGHT.

TAKE TIME  OBSERVE LABEL DIRECTIONS

Manufactured for:
Aspen Veterinary Resources,® Ltd.
Liberty, MD 64068
www.aspenveterinaryresources.com
A-0010-06 Rev. 02/17 A107S

LOT NO: EXP. DATE:



AMINO ACID

Oral Solution
Supplemental Nutritive Source



For Animal Use Only
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS:
16.9 fl oz
(500 mL)

COMPOSITION:
Each 100 mL of aqueous solution contains:

Dextrose H₂O 5 g
Sodium Acetate 3H₂O 250 mg
Magnesium Sulfate 7H₂O 20 mg
Potassium Chloride 20 mg
Calcium Chloride 2H₂O 15 mg

Comprised of: Niacinamide, Pyridoxine HCl, Thiamine HCl, d-Panthenol, Riboflavin, Cyanocobalamin (B₁₂), L-Arginine HCl, L-Cysteine HCl H₂O, L-Glutamic Acid, L-Histidine HCl H₂O, L-Isoleudine, L-Leucine, L-Lydcne HCl, L-Methionine, L-Phenylalanine, L-Threonine, L-Valine, with Methylparaben 0.18%, Ethylparaben 0.01%, Propylparaben 0.02%.



0 99355 00005 6

AMINO ACID ORAL

amino acid solution

Product Information

Product Type	OTC ANIMAL DRUG	Item Code (Source)	NDC:46066-210
Route of Administration	ORAL		

Active Ingredient/Active Moiety

Ingredient Name	Basis of Strength	Strength
DEXTROSE MONOHYDRATE (UNII: LX22YL083G) (ANHYDROUS DEXTROSE - UNII:5SL0G7ROOK)	DEXTROSE MONOHYDRATE	5000 mg in 100 mL
CALCIUM CHLORIDE ANHYDROUS (UNII: OFM21057LP) (CALCIUM CATION - UNII:2M83C4R6Z B)	CALCIUM CATION	15 mg in 100 mL
MAGNESIUM SULFATE HEPTAHYDRATE (UNII: SK47B8698T) (MAGNESIUM CATION - UNII:T6V3LHY838)	MAGNESIUM SULFATE HEPTAHYDRATE	20 mg in 100 mL
POTASSIUM CHLORIDE (UNII: 660YQ98I10) (POTASSIUM CATION - UNII:295O53K152, CHLORIDE ION - UNII:Q32ZN48698)	POTASSIUM CHLORIDE	20 mg in 100 mL
SODIUM ACETATE ANHYDROUS (UNII: NVG71ZZ 7P0) (ACETATE ION - UNII:569DQM74SC, SODIUM CATION - UNII:LYR4M0NH37)	SODIUM ACETATE ANHYDROUS	250 mg in 100 mL

Inactive Ingredients

Ingredient Name	Strength
VALINE (UNII: HG18B9YRS7)	

Packaging

#	Item Code	Package Description	Marketing Start Date	Marketing End Date
---	-----------	---------------------	----------------------	--------------------

1	NDC:46066-210-05	500 mL in 1 BOTTLE		
2	NDC:46066-210-52	1000 mL in 1 BOTTLE		
Marketing Information				
Marketing Category	Application Number or Monograph Citation		Marketing Start Date	Marketing End Date
unapproved drug other			01/11/1995	

Labeler - Aspen Veterinary Resources, Ltd (627265361)

Registrant - Sparhawk Laboratories, Inc. (147979082)

Establishment			
Name	Address	ID/FEI	Business Operations
Sparhawk Laboratories, Inc.		147979082	manufacture

Establishment			
Name	Address	ID/FEI	Business Operations
Weifang Shengtai Medicine Co., LTD		421578618	api manufacture

Revised: 10/2025

Aspen Veterinary Resources, Ltd