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TECHNICAL INFORMATION

Catalog Number: 960361, 960362

Amino Acid Diet, Synthetic, Modified

Composition:

Ingredient	Amount
Dextrin Type II	43.69%
Sucrose	22.46%
L-Histidine Hydrochloride	0.40%
L-Isoleucine	0.80%
L-Leucine	1.08%
L-Lysine Hydrochloride	1.76%
L-Methionine	0.80%
L-Phenylalanine	1.14%
L-Threonine	0.80%
L-Valine	0.80%
L-Alanine	0.34%
L-Aspartic Acid	0.34%
L-Glutamic Acid	3.41%
Glycine	2.28%
L-Proline	0.34%
L-Cystine	0.34%
L-Serine	0.34%
L-Tyrosine	0.34%
L-Asparagine	0.60%
L-Arginine Hydrochloride	1.35%
Corn Oil	10.00%
Choline Chloride	0.20%
Sodium Acetate	1.09%
L-Tryptophan	0.3%
Salt Mixture (see below)	5.00%
	29.2900% (of total salt mixture)
CaCO ₃	
	0.4300% (of total salt mixture)
Ca ₂ HPO ₄ ·2H ₂ O	
	34.31% (of total salt mixture)
KH ₂ PO ₄	

	25.0600% (of total salt mixture)
NaCl	
	9.9800% (of total salt mixture)
MgSO ₄ ·7H ₂ O	
	0.6230% (of total salt mixture)
Fe Citrate·6H ₂ O	
	0.1560% (of total salt mixture)
CuSO ₄	
	0.0025% (of total salt mixture)
(NH ₄) ₆ Mo ₇ O ₂₄ ·4H ₂ O	
	0.0015% (of total salt mixture)
Na ₂ SeO ₃ ·5H ₂ O	
	0.1210% (of total salt mixture)
MnSO ₄ ·H ₂ O	
	0.0200% (of total salt mixture)
ZnCl ₂	
	0.0005% (of total salt mixture)
KI	

Plus MP Vitamin Diet Fortification Mixture. **Note:** This diet can be incorporated into an Agar Gel to increase palatability, and food consumption and growth by 20%.

To make gel, rapidly mix powdered diet into an equal volume of boiling 3% agar. Cover, and chill in refrigerator. Store cold until used. Ice cube trays are useful.

Composition adjusted to pellet:

Dextrin	22.46%
Sucrose	43.69%

This diet was modified from Rodgers and Harper, *J. Nutrition*, v. **87**: 267-273 (1965).

Availability:

Catalog Number
960361

Description
Amino Acid Diet, Synthetic, Modified,
Powdered

Sizes
10 kg
20 kg
50 kg

960362

Amino Acid Diet, Synthetic, Modified,
Pelleted

10 kg
20 kg
50 kg