

Ingredient	gm	kcal
LAlanine	3.5	14
L-Arginine	12.1	48.4
L-Asparagine-H2O	6	24
L-Aspartate	3.5	14
L-Cystine	3.5	14
L-Glutamine	40	160
Glycine	23.3	93.2
L-Histidine-HCl-H2O	4.5	18
L-Isoleucine	8.2	32.8
L-Leucine	11.1	44.4
L-Lysine-HCl	18	72
L-Phenylalanine	7.5	30
L-Proline	3.5	14
L.Serine	3.5	14
L.Threonine	8.2	32.8
LTryptophan	1.8	7.2
L-Tyrosine	5	20
L-Valine	8.2	32.8
Total L.Amino Acids	171.4	682.6
Sucrose	452.3	1809.2
Corn Starch	150	600
Maltodextrin	50	200
Cellulose	30	0
Corn Oil	100	900
Mineral Mix S10001	35	0
Sodium Bicarbonate	7.5	0
Vitamin Mix V10001	10	40
L-Methionine	3	12
Choline Bitartrate	2	0
Total	1011.2	4246.8

Vitamin Mix for AIN- 76A Rodent Diet

Use at 10 gm/kg diet or 10 gm/ 4000 kcal digestible energy.

Ingredient	gm	Amt in 10 gm
Vitamin A Palmitate 500,000 IU/gm	0.8	4000 IU Vit A
Vitamin D3 100,000 IU/gm	1	1000 IU Vit D3
Vitamin E Acetate 500 IU/gm	10	50 IU Vit E
Menadione Sodium Bisulfite 62.5% Menadione	0.08	0.5 mg Menadione
Biotin, 1.0%	2	0.2 mg Biotin
Cyanocobalamin, 0.1%	1	10 µg Vit B12
Folic Acid	0.2	2 mg Folic Acid
Nicotinic Acid	3	30 mg Niacin
Calcium Pantothenate	1.6	16 mg Pantothenic Acid
Pyridoxine-HCl	0.7	7 mg Vit B6
Riboflavin	0.6	6 mg Vit B2
Thiamin HCl	0.6	6 mg Vit B1
Sucrose	978.42	

TOTAL 1000