Laboratory Chick Diet S-G 5065*

DESCRIPTION

Laboratory Chick Diet S-G is a designed for starting and growing chicks used in research. This diet is a complete life cycle diet formulated using managed formulation, delivering Constant Nutrition®. This is paired with the selection of highest quality ingredients to assure minimal inherent biological variation in long-term studies.

Features and Benefits

- Managed Formulation delivers Constant Nutrition®
- Formulated for growing poultry
- Manufactured in drug-free plant which reduces possibility of contaminants
- Meets the special nutrient needs of starting/growing chicks

Product Forms Available	*Catalog #*
• Extruded particle, 3/32" x 3/32"	0034379
• Meal (ground chunks)	

GUARANTEED ANALYSIS

Crude protein not less than	21.00%
Crude fat not less than	3.00%
Crude fiber not more than	4.00%
Moisture not more than	12.50%

INGREDIENTS

Ground Corn, Dehulled Soybean Meal, Dicalcium Phosphate, Dehydrated Alfalfa Meal, Corn Gluten Meal, Glyceryl Monostearate, Soybean Oil, Wheat Germ, Calcium Carbonate, Salt, Choline Chloride, DL-Methionine, Cholecalciferol, Vitamin A Acetate, Ethoxyquin (a Preservative), Folic Acid, Calcium Pantothenate, DL-Alpha Tocopheryl Acetate (Form of Vitamin E), Menadione Dimethylpyrimidinol Bisulfite (source of Vitamin K), Nicotinic Acid, Riboflavin, Vitamin B-12 Supplement, Pyridoxine Hydrochloride, Manganous Oxide, Zinc Oxide, Ferrous Carbonate, Copper Sulfate, Zinc Sulfate, Calcium Iodate, Sodium Selenite, Cobalt Carbonate.

FEEDING DIRECTIONS

Feed free-choice from day-old until grown. Keep plenty of fresh, clean water available to the chicks at all times.

For information regarding shelf life please visit www.labdiet.com.

CHEMICAL COMPOSITION[1]

Nutrients[2]

Protein, %	**22.1**
Arginine, %	1.42
Cystine, %	0.36
Glycine, %	1.02
Histidine, %	0.59
Isoleucine, %	1.01
Leucine, %	1.97
Lysine, %	1.23
Methionine, %	0.46
Phenylalanine, %	1.12
Tyrosine, %	0.73
Threonine, %	0.85
Tryptophan, %	0.25
Valine, %	1.05
Serine, %	1.31
Aspartic Acid, %	2.82
Glutamic Acid, %	4.93
Alanine, %	1.38
Proline, %	1.65
Taurine, %	<0.01
Fat (ether extract), %	**4.2**
Fat (acid hydrolysis), %	**6.6**
Cholesterol, ppm	0
Linoleic Acid, %	1.99
Linolenic Acid, %	0.20
Arachidonic Acid, %	<0.01
Omega-3 Fatty Acids, %	0.21
Total Saturated Fatty Acids, %	0.66
Total Monounsaturated Fatty Acids, %	0.77
Fiber (Crude), %	**2.8**
Neutral Detergent Fiber[3], %	10.8
Acid Detergent Fiber[4], %	3.2
Nitrogen-Free Extract (by difference), %	**54.8**
Starch, %	34.2
Sucrose, %	1.58
Total Digestible Nutrients,%	**80.8**
Gross Energy, kcal/gm	**4.14**
Physiological Fuel Value[5], kcal/gm	**3.45**
Metabolizable Energy, kcal/gm	**3.33**

Minerals

Ash, %	**6.1**
Calcium, %	0.92
Phosphorus, %	0.73
Phosphorus (non-phytate), %	0.50
Potassium, %	0.99
Magnesium, %	0.17
Sulfur, %	0.26
Sodium, %	0.16
Chloride, %	0.33
Fluorine, ppm	33
Iron, ppm	290
Zinc, ppm	85
Manganese, ppm	80
Copper, ppm	17
Cobalt, ppm	0.35
Iodine, ppm	1.04
Chromium (added), ppm	0.00
Selenium, ppm	0.39

Vitamins

Carotene, ppm	1.7
Vitamin K, ppm	0.5
Thiamin Hydrochloride, ppm	3.4
Riboflavin, ppm	8.6
Niacin, ppm	74
Pantothenic Acid, ppm	21
Choline Chloride, ppm	1830
Folic Acid, ppm	2.9
Pyridoxine, ppm	4.2
Biotin, ppm	0.1
B_{12}, mcg/kg	30
Vitamin A, IU/gm	22
Vitamin D_3 (added), IU/gm	3.0
Vitamin E, IU/kg	41
Ascorbic Acid, mg/gm	0

Calories provided by:

Protein, %	25.617
Fat (ether extract), %	10.910
Carbohydrates, %	63.473

*Product Code

1. Formulation based on calculated values from the latest ingredient analysis information. Since nutrient composition of natural ingredients varies and some nutrient loss will occur due to manufacturing processes, analysis will differ accordingly.
2. Nutrients expressed as percent of ration except where otherwise indicated. Moisture content is assumed to be 10.0% for the purpose of calculations.
3. NDF = approximately cellulose, hemi-cellulose and lignin.
4. ADF = approximately cellulose and lignin.
5. Physiological Fuel Value (kcal/gm) = Sum of decimal fractions of protein, fat and carbo- hydrate (use Nitrogen Free Extract) x 4,9,4 kcal/gm respectively.

NOTE: When assayed, actual levels may vary from calculated values.

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www.labdiet.com