

## C 1028

## biotin deficient diet

## Metabolized energy

| Content        |  | Value       | unit    |
|----------------|--|-------------|---------|
| Fat            |  | 450 (12%)   | kcal/kg |
| Protein        |  | 712 (19%)   | kcal/kg |
| Carbonhydrates |  | 2,668 (69%) | kcal/kg |

## crude nutrients and moisture

| Content                  |  | Value           | unit  |
|--------------------------|--|-----------------|-------|
| Moisture                 |  | 39,347 (3.9%)   | mg/kg |
| Crude Ash                |  | 59,107 (5.9%)   | mg/kg |
| Crude Fibre              |  | 0               |       |
| Crude Fat                |  | 50,000 (5.0%)   | mg/kg |
| Crude Protein            |  | 177,940 (17.8%) | mg/kg |
| Nitrogenfree extractives |  | 673,606 (67.4%) | mg/kg |

## Carbonhydrates

| Content         |  | Value   | unit  |
|-----------------|--|---------|-------|
| Monosaccharides |  | 0       | mg/kg |
| Disaccharides   |  | 656,429 | mg/kg |
| Polysaccharides |  | 0       | mg/kg |

## Minerals

| Content    |  | Value  | unit  |
|------------|--|--------|-------|
| Calcium    |  | 10,026 | mg/kg |
| Potassium  |  | 8,207  | mg/kg |
| Magnesium  |  | 744    | mg/kg |
| Sodium     |  | 5,002  | mg/kg |
| Phosphorus |  | 5,984  | mg/kg |

## Trace elements

| Content    | Value    | unit  |
|------------|----------|-------|
| Aluminium  | 1.34     | mg/kg |
| Chlorine   | 3,630.00 | mg/kg |
| Iron       | 177.29   | mg/kg |
| Flourine   | 4.17     | mg/kg |
| Iodine     | 0.45     | mg/kg |
| Cobalt     | 0.13     | mg/kg |
| Copper     | 5.38     | mg/kg |
| Manganese  | 100.72   | mg/kg |
| Molybdenum | 0.20     | mg/kg |
| Sulfur     | 3,527.60 | mg/kg |
| Selenium   | 0.26     | mg/kg |
| Zinc       | 25.10    | mg/kg |

## Added vitamins

| Content          | Value  | unit  |
|------------------|--------|-------|
| Vitamin A        | 15,000 | IU/kg |
| Vitamin D3       | 500    | IU/kg |
| Vitamin E        | 180    | mg/kg |
| Vitamin K3       | 10     | mg/kg |
| Vitamin B1       | 20     | mg/kg |
| Vitamin B2       | 20     | mg/kg |
| Vitamin B6       | 15     | mg/kg |
| Vitamin B12      | 30     | µg/kg |
| Nicotinic acid   | 50     | mg/kg |
| Pantothenic acid | 50     | mg/kg |
| Folic acid       | 10     | mg/kg |
| Choline chloride | 1,000  | mg/kg |
| Vitamin C        | 21     | mg/kg |

## Amino acids

| Content       | Value  | unit  |
|---------------|--------|-------|
| Alanine       | 10,381 | mg/kg |
| Arginine      | 11,768 | mg/kg |
| Aspartic acid | 18,421 | mg/kg |
| Cystine       | 4,192  | mg/kg |
| Glutamic acid | 25,037 | mg/kg |
| Glycine       | 6,619  | mg/kg |
| Histidine     | 6,323  | mg/kg |
| Isoleucine    | 9,101  | mg/kg |
| Leucine       | 17,013 | mg/kg |
| Lysine        | 15,147 | mg/kg |
| Methionine    | 7,680  | mg/kg |
| Phenylalanine | 12,961 | mg/kg |
| Proline       | 8,493  | mg/kg |
| Serine        | 12,425 | mg/kg |
| Threonine     | 8,554  | mg/kg |
| Tryptophan    | 2,129  | mg/kg |
| Tyrosine      | 7,693  | mg/kg |
| Valine        | 12,167 | mg/kg |

## Fatty acid

| Content                     | Value  | unit  |
|-----------------------------|--------|-------|
| Arachidic acid C-20:0       | 50     | mg/kg |
| Eicosanoic acid C-20:1      | 150    | mg/kg |
| Alpha-Linolenic acid C-18:3 | 150    | mg/kg |
| Linolenic acid C-18:2       | 28,500 | mg/kg |
| Palmitic acid C-16:0        | 2,500  | mg/kg |
| Stearic acid C-18:0         | 1,350  | mg/kg |
| Oleic acid C-18:1           | 13,500 | mg/kg |