

## C 1039

## manganese deficient diet

## Metabolized energy

Content		Value	unit
Fat		457 (13%)	kcal/kg
Protein		691 (20%)	kcal/kg
Carbonhydrates		2,370 (67%)	kcal/kg

## crude nutrients and moisture

Content		Value	unit
Moisture		83,416 (8.3%)	mg/kg
Crude Ash		54,556 (5.5%)	mg/kg
Crude Fibre		30,980 (3.1%)	mg/kg
Crude Fat		50,833 (5.1%)	mg/kg
Crude Protein		172,666 (17.3%)	mg/kg
Nitrogenfree extractives		607,549 (60.7%)	mg/kg

## Carbonhydrates

Content		Value	unit
Monosaccharides		98	mg/kg
Disaccharides		98,105	mg/kg
Polysaccharides		474,596	mg/kg

## Minerals

Content		Value	unit
Calcium		9,237	mg/kg
Potassium		7,089	mg/kg
Magnesium		579	mg/kg
Sodium		2,477	mg/kg
Phosphorus		7,511	mg/kg

## Trace elements

Content	Value	unit
Aluminium	3.72	mg/kg
Chlorine	3,741.02	mg/kg
Iron	178.42	mg/kg
Flourine	8.60	mg/kg
Iodine	0.67	mg/kg
Cobalt	0.52	mg/kg
Copper	5.52	mg/kg
Manganese	0.42	mg/kg
Molybdenum	0.50	mg/kg
Sulfur	2,567.79	mg/kg
Selenium	0.61	mg/kg
Zinc	28.58	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	41	µg/kg
Nicotinic acid	50	mg/kg
Pantothenic acid	50	mg/kg
Folic acid	10	mg/kg
Biotin	201	µg/kg
Choline chloride	1,012	mg/kg
Vitamin C	20	mg/kg

## Amino acids

Content	Value	unit
Alanine	2,529	mg/kg
Arginine	9,830	mg/kg
Aspartic acid	3,584	mg/kg
Cystine	3,197	mg/kg
Glutaminc acid	23,678	mg/kg
Glycine	3,137	mg/kg
Histidine	5,276	mg/kg
Isoleucine	7,223	mg/kg
Leucine	14,765	mg/kg
Lysine	17,401	mg/kg
Methionine	7,223	mg/kg
Phenylalanine	7,173	mg/kg
Proline	12,764	mg/kg
Serine	5,269	mg/kg
Threonine	7,155	mg/kg
Tryptophan	1,977	mg/kg
Tyrosine	9,286	mg/kg
Valine	3,297	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