L-Valine Feed Grade

Description
BestAmino™ L-Valine is a high quality feed grade amino acid produced by microbial fermentation.
Its availability depends on the region. Please contact our local representative for more information.

Appearance
White crystalline powder

Chemical properties

Chemical formula	$C_5H_{11}NO_2$
Molecular weight	117.15
Isomer	L

Commercial Guarantee

Valine, %	Min. 98.0	HPLC analysis AOAC 999.13
Moisture, %	**Max. 1.5**	105°C for 4 hours

Nutritional Values [1)]

Crude Protein[2)], %	72.1
Digestibility, %	100
Energy	**[MJ/kg]**
ME $_{poultry}$	22.00
DE $_{pigs}$	24.40
ME $_{pigs}$	22.90
NE $_{pigs}$	17.70

[1)] Average analytical values
*[2)] Nitrogen Analysis acc. to DUMAS (CP=N*6.25)*

Packaging
15 kg 3 ply Kraft paper bag with 1 ply P.E. inner
800 kg P.P. Woven bag with P.E. lamination

Storage
Store in dry condition and fresh place in a sealed or closed container that is to be protected from water, sunlight and heat.
Avoid direct contact with floor and any source of combustion.

Stability
Product is stable for at least 2 years if stored under recommended conditions.
Kraft paper bag unopened: product is stable for at least 2 years if stored under recommended conditions.
PP Woven bag unopened: product is stable for at least 2 years if stored under recommended conditions.
The batch number and the production date are printed on the bags.

Regulatory Status
L-Valine comes under Regulation (EC) 1831/2003 referring to additives intended for animal feed (Official Journal of the EU n° L120 of 15/5/2009, category "nutritional additives", additives group: "amino acids, their salts and analogues" and can be used for all animal species.
Please refer to the Material Safety Data Sheet of the product for safety information

Additional information
Does not constitute any commercial guarantee

General specifications

pH	5.0-6.0	Aqueous solution at 5%
Bulk density, g/ml	0.4-0.6	

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