

Product Information

Biolys[®] Liquid

L-LYSINE, FEED GRADE 32.5 %

APPEARANCE

Density at 23.5°C: 1.21 g/cm³ +/- 10 %

pH value: 5.1 +/- 10 %

Specified Values

Total L-Lysine	min. 32.5%
Water	max. 50%

MOLECULAR DATA

Molecular formula L-Lysine sulphate: [C₆H₁₄N₂O₂]₂•H₂SO₄

Molecular weight L-Lysine sulphate: 390.4 g / mol

PRODUCTION

Biolys[®] Liquid is produced by fermentation.

Major parts of the production process are patented.

USE

Biolys[®] Liquid serves for the adequate supply of the essential amino acid L-Lysine in livestock and poultry feeds. Additionally, it contains nutritionally valuable co-products from the fermentation process.

NUTRITIONAL MATRIX

The following values are subject to natural variation and cannot be guaranteed.

Typical Values

Dry matter	51.6%
Crude Protein	45.5%
Phosphorus	0.07%

Additional Amino Acids from the Biomass, Typical Values

Methionine	0.04%
Cystine	0.02%
Methionine + Cystine	0.07%
Tryptophan	0.01%
Arginine	0.33%
Isoleucine	0.13%
Leucine	0.27%
Valine	0.18%

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Energy	MJ/kg	kcal/kg
GE	9.86	2357.33
DE Swine	9.79	2340.00
ME Swine	9.24	1656.42
NE Swine	6.93	1656.42
ME Poultry	8.87	2121.17

PROCESSING

Biolys[®] Liquid can be processed in any feed formulation. It is stable during pelleting and other hydrothermal treatments.

STORAGE AND STABILITY

Store in a cool dry place at 18 - 23°C. Best use before 3 months from the date of manufacture.

PACKAGING

Liquid silo trucks

REGULATORY AFFAIRS

CAS-No. (L-Lysine Sulphate): 60343-69-3

Customs tariff number: 230990

Biolys[®] Liquid is authorized as a nutritional feed ingredient in Brazil.

SAFETY AND ENVIRONMENT

Biolys[®] Liquid does not show any hazardous properties when handled in accordance with good industrial hygiene and safety practice. Furthermore, it is not subject to dangerous goods regulations. For details please consult the Safety Data Sheet.

For additional information, please contact us directly.

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