

 AJINOMOTO ANIMAL NUTRITION AJINOMOTO EUROLYSINE S.A.S.	Technical data sheet <i>LLB 50</i>	Reference	SPF.0012
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Liquid Lysine Base 50 % Feed Grade is an aqueous solution obtained by fermentation process and containing a minimum of 50 % of L-Lysine base corresponding to 64.1 % of L-Lysine HCl 99 % Feed Grade.

This product is intended only for animals and should not be used in human products or human consumption.

Chemical description of the active substance

Chemical formula	$C_6H_{14}N_2O_2$
Molecular weight	146.20
Isomer	L (Laevo-rotatory)

Commercial guarantee

Lysine base (%), Standard NF EN ISO 17180	50 Minimum
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Regulatory position

Regulation (EC) 1831/2003 of 22/09/2003 on additives for use in animal nutrition (OJ EU n° L 268 of 18/10/2003), category: "nutritional additives", additive group: "amino acids, their salts and analogues" and is approved for use in all animal species.

Nutritional values

Moisture (%)	45
Lysine base content (%)	50
Digestibility coefficient (%)	100
Crude Protein (N x 6.25, %)	61.9
ME poultry, kcal.kg ⁻¹ (MJ.kg ⁻¹)	2640 (11.05)
DE pig, kcal.kg ⁻¹ (MJ.kg ⁻¹)	3110 (13.01)
ME pig, kcal.kg ⁻¹ (MJ.kg ⁻¹)	2830 (11.84)
NE pig, kcal.kg ⁻¹ (MJ.kg ⁻¹)	2200 (9.20)

Physical description

Dark brown liquid.

Physical characteristics

pH (20 °C)	10 to 11
Bulk density (kg/l)	1.13 to 1.15
Crystallisation and freezing point (°C)	Less than minus 18

Packaging

Bulk.

Stability

LLB 50 is stable 1 year if stored at 20 °C.

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