

# Xiamen Ditai Chemicals Co., Ltd.

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## L Lysine CAS 56-87-1

### L Lysine Specifications

- 1)HACCP Kosher Halal ISO9001 GMP
- 2)BP USP EP FEED GRADE
- 3)Health certificate by Embassy
- 4)SGS inspection



### L- lysine HCL

Item	Unit	Standard	Result
Description	----	PALE TO LIGHT BROWN GRANULE,NO UNACCEPTABLE ODER.	Pass test
Content	%	≥98.5	98.52%

Loss on Drying	%	≤1.0	0.62%
As	%	≤0.0002	<0.0001
Ammoniumate (as NH <sub>4</sub> )	%	≤0.04	<0.04
Heavy Metals	%	≤0.003	0.001
Specific Optical Rotation [α] <sub>D</sub>		+18.0° ~ +21.5°	+20.81°
PH(1+10 water solution)	---	5.0 ~ 6.0	5.50
Residue on Ignition	%	≤0.3	<0.3
Conclusion:		THE QUALITY OF THIS BATCH CONFORMS WITH THE STANDARD.	

### L Lysine Main Function

1. L Lysine can increase content of protein.
2. L Lysine can improve milk yield of dairy.
3. L Lysine can improve dry matter intake.
4. L Lysine can improve conversion ratio of feed nitrogen.
5. Decreased the concentration of urea nitrogen in serum, milk, and urine.
6. L Lysine can improve daily gain and carcass quality of beef.
7. L Lysine can improve milk quality by increasing protein and fat content.
8. L Lysine can increase fertility rate and improve reproductive performance.

