



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-DL-Alanine

CAS: 302-72-7

Batch Number: *FTF0250118* Batch Quantity: 500kg

Manufacture Date: Jan.16th,2025 Analysis Date: Jan.17th,2025 Certificate Date: Jan.18th,2025

Storage Store in cool & dry place. Store in well-closed containers.

Shelf life 3 years when properly stored.

Items	Standard	Result
Appearance	White crystalline powder	Conform
Assay	98.5~101.0%	99.25%
Transmittance	≥98.0%	98.3%
PH value(5% in water)	5.5~7.0	6.22
Heavy metals(as Pb)	≤0.002%	<0.001%
Loss on drying	≤0.2%	0.12%
Residue on ignition(as sulphate ash)	≤0.1%	0.054%
Chloride (as CL)	≤0.02%	<0.02%
Sulphate (as SO ₄)	≤0.02%	<0.02%
Arsenic (as As)	≤0.0001%	<0.0001%
Ammonium (as NH ₄)	≤0.02%	<0.02%
Iron	≤0.002%	<0.001%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟 INSPECTOR: 黄子烨

