



西安菲斯弗生物科技有限公司

Xi'an Faithful Biological Technology Co., Ltd.

Certificate of Analysis-DL-Tryptophan

CAS: 54-12-6

Batch Number: *FTF0240226* Batch Quantity: 6000kg

Manufacture Date: Feb.24th,2024 Analysis Date: Feb.25th,2024 Certificate Date: Feb.26th,2024

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

Shelf life 3 years when properly stored.

Items	Standard	Results
Description	White powder	Complies
Identification	IR	Complies
	HPLC	Complies
Heavy metal	≤10ppm	5ppm
Pb	≤3ppm	1.5ppm
Hg	≤0.1ppm	0.05ppm
Cd	≤1ppm	0.2ppm
Loss on drying	≤0.5%	0.12
Residue on Ignition	≤0.1%	0.03
Single impurity	≤0.5%	0.12
Total impurity	≤1.0%	0.29
Total bacteria	≤1000cfu/g	<1000
Yeast and Mould	≤100 cfu/g	<000
E.coli/25g	Absent	Absent
Salmonella/25g	Absent	Absent
Assay	≥99.0%	99.4%

Conclusion: Conform with enterprise specification .

QC MANAGER: 刘娟

INSPECTOR: 黄子烨

