



新疆阜丰生物科技有限公司

XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD

NO.188,FANGZHENG EAST STREET,GAN QUAN PU ECONOMIC AND
TECHNOLOGICAL DEVELOPMENT ZONE,URUMQI CITY,XINJIANG PROVINCE,PRC

CERTIFICATE OF ANALYSIS FOR L-TRYPTOPHAN

BATCH NO.: SA1804020

QUANTITY: 20000KGS

MAF DATE: 2018.04.20

QUALITY STANDARD: GB/T25735-2010

INSPECTION DATE: 2018.04.21

EXPIRY DATE. : 2020.04.19

ITEM	STANDARD	TEST RESULT
PURITY (ON A DRY MATTER BASIS)	≥ 98.0	99.3
PH (1% SOLUTION)	5.0--7.0	5.2
RESIDUE ON IGNITION %	≤ 0.5	0.44
LOSS ON DRYING %	≤ 0.5	0.45

新疆阜丰生物科技有限公司
XINJIANG FUFENG BIOTECHNOLOGIES CO., LTD.

白嘉

Test Report**Report No: TJAFN180501988E****Date: May 17 2018**

Client name: Xinjiang Fufeng Biotechnologies Co., Ltd.
Client address: No.188,Fangzheng East Street, Gan Quan Pu Economic and Technological Development Zone ,Urumqi City, Xinjiang Province ,PRC
Sample name: Feed additive L-Tryptophan
Batch No.: SA1804020
Product Date: /
Manufacturer: Xinjiang Fufeng Biotechnologies Co., Ltd.

Above information and sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.

SGS Sample No.: TJAFN180501988
SGS reference No.: QDF17-008532-02
Date of sample received: April 27 2018
Testing period: May 04 2018 ~ May 15 2018

TEST(S) REQUESTED:

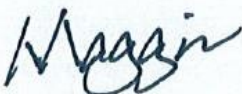
Selected test(s) as requested by the applicant.

TEST RESULT(S):

Please refer to the next page(s)

Chinese shall prevail in this report.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, and for clients internal use only, not to the society has the proof function. This document cannot be used for publicity, without prior approval of the SGS.

.....
SGS Authorized Signature

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Page 1 of 2



TEST RESULT(S):

Test item(s)	Unit(s)	Test method(s)	Test result(s)	Method detection limit(s)	Reference Standard: GB/T 25735-2010	Comment
Character	/	GB/T 25735-2010	This product is light yellow powder, a slight odor, this product is slightly soluble in water, soluble in hot ethanol and sodium hydroxide solution	/	This product is a white to yellowish crystals or crystal powder, odourless or odor slightly. This product is slightly soluble in water, soluble in hot ethanol and sodium hydroxide solution	Conform
Assay (on dry basis)	%	GB/T 25735-2010	99.3	/	≥98.0	Conform
Loss on drying	%	GB/T 25735-2010 (GB/T 6435-2014)	0.4	/	≤0.5	Conform
Ash	%	GB/T 25735-2010 (GB/T 6438-2007)	0.4	/	≤0.5	Conform
Optical rotation	°	GB/T 25735-2010	-31.0	/	-29.0 ~ -32.8	Conform
pH	/	GB/T 25735-2010	5.4	/	5.0 ~ 7.0	Conform
Lead	mg/kg	GB/T 25735-2010 (GB/T 13080-2004)	Not detected	5	≤5	Conform
Cadmium	mg/kg	GB/T 25735-2010 (GB/T 13082-1991)	Not detected	0.50	≤2	Conform
Mercury	mg/kg	GB/T 25735-2010 (GB/T 13081-2006)	Not detected	0.01	≤0.1	Conform
Arsenic	mg/kg	GB/T 13079-2006	0.04	0.01	≤2	/
Salmonella spp	/25g	GB/T 25735-2010 (GB/T 13091-2002)	Not detected	/	Not detected	Conform

Remark: The test was carried out by a SGS laboratory.

SAMPLE DESCRIPTION: Sample in bag

*** End of Report***

SGS-CSTC Standards Technical Services (Tianjin) Co., Ltd.

Page 2 of 2



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com