

207 #102320-16



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*Certificate of Analysis*  
*L - Tryptophan*

Parameter		Specification
Lot #	TR200620 (yymmdd)	
Content	98	not less than 98%
Moisture %	0 %	not more than 1%
Purity (by calculation)	98 %	not less than 98%

**Penny Miller**

Digitally signed by Penny Miller  
Date: 2020.06.22 09:12:29  
-05'00'

Quality Assurance Department

Date

June 22, 2020

If stored in the original unopened 20 kg bags under dry conditions, L-Tryptophan is stable for 3 years.  
If stored in the original unopened 250 kg bags under dry conditions, L-Tryptophan is stable for 1 year.



## Advanced Botanical Consulting & Testing Inc.

1169 Warner Ave, Tustin, CA 92780, Phone:(714)259-0384 Fax: (714)259-0385

### Sample Name: L-Tryptophan

Item# 81700162

Lot# 102320-16

Lab# 319695

PO# 111020-01/JC

Analysis:	Method:	Result:	Spec:
L-Tryptophan (HPLC)	SOP3.1.76	101.30%	≥98 %
Total Plate Count	USP 2021	35 CFU/G	<1000 cfu/g
Yeast	USP 2021	< 10 CFU/G	<100 cfu/g
Mold	USP 2021	< 10 CFU/G	<100 cfu/g
Coliform	AOAC 991.14	< 10 CFU/G	<10 cfu/g
E coli	USP 2022	NEGATIVE/10G	negative
Salmonella spp	USP 2022	NEGATIVE/10G	negative

Analyzed by:

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Chemist

Approved by:

*Wendi Wang*  
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Wendi Wang, PhD, President

