

LIFTMODE

LIFTMODE
47 W. Polk St. STE 100-241
Chicago, IL 60605

liftmode@liftmode.com
liftmode.com

CERTIFICATE OF ANALYSIS

L-Tyrosine

(4-hydroxyphenylalanine)

Material Lot #: 56202076
Country of Origin: China

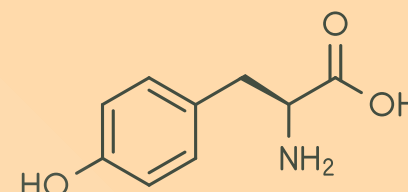
Manufacturer Analysis Date: 04/08/2020
Analysis Date: 07/22/2020
Retesting Date: 07/22/2023

Analysis	Claim	Result
L-Tyrosine	≥99%	99.5%

Test	Specification	Result
HNMR ID	Conforms	Conforms
HPLC Assay	≥99%	99.5%
ICP-MS		
Lead	≤0.5 ppm	0.021 ppm
Arsenic	≤1.5 ppm	<0.001 ppm
Cadmium	≤0.5 ppm	<0.001 ppm
Mercury	≤3 ppm	0.042 ppm
Total Aerobic Count	<1000 cfu/g	Conforms
Yeast & Mold	<100 cfu/g	Conforms
Coliform	<10 cfu/g	Conforms
<i>E. coli</i>	Negative	Conforms
Salmonella	Negative	Conforms

L-Tyrosine should be stored at or below room temperature in a tightly sealed durable container.
L-Tyrosine should be protected from excess heat, direct sunlight, excess humidity, and moisture.
L-Tyrosine has a retesting period of 3 years from the date of analysis when properly stored.

L-Tyrosine



Main Benefits

- L-Tyrosine has been found to promote the natural production of dopamine, adrenaline, melanin, and thyroid hormones, which can all be powerful regulators of mood and metabolism.
- L-Tyrosine can also be used for improving cognitive function and stress management.
- Studies have shown that L-Tyrosine effectively promotes the biosynthesis of Phenylalanine.

Main Cautions

- L-Tyrosine is recognized as generally safe within the 500mg recommended serving size.
- Exceeding the recommended serving size may result in sleeping issues, headaches, and digestive issues.
- Do not use this supplement without first consulting with your doctor if you are taking any medication or have any medical condition.

Usage Tips

- A 1.0 cc measuring scoop is included. Two rounded scoops contains approximately one serving, or approximately **500mg of L-Tyrosine**. As a dietary supplement, take 1 serving 1-2 times per day. Start at the lower suggested quantity to assess response.
- This supplement is not intended to treat, diagnose, prevent, or cure any diseases. Consult your healthcare provider before use if you have a medical condition or if you are taking any prescription medications.
- The negative effects of L-Tyrosine are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is highly recommended.
- It is safe to stack L-Tyrosine with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder easier to tolerate.
- The benefits of L-Tyrosine are most effective when they are supported by a healthy diet and plenty of exercise.



Certificate of Analysis

Client:
Synaptent LLC
47 W Polk Street, 100-241
Chicago, IL 60654

Sample Collected By: Client

Product Name	L-Tyrosine	Product Lot Number	56202076
Report Date	07/22/20	Laboratory Number	20070625

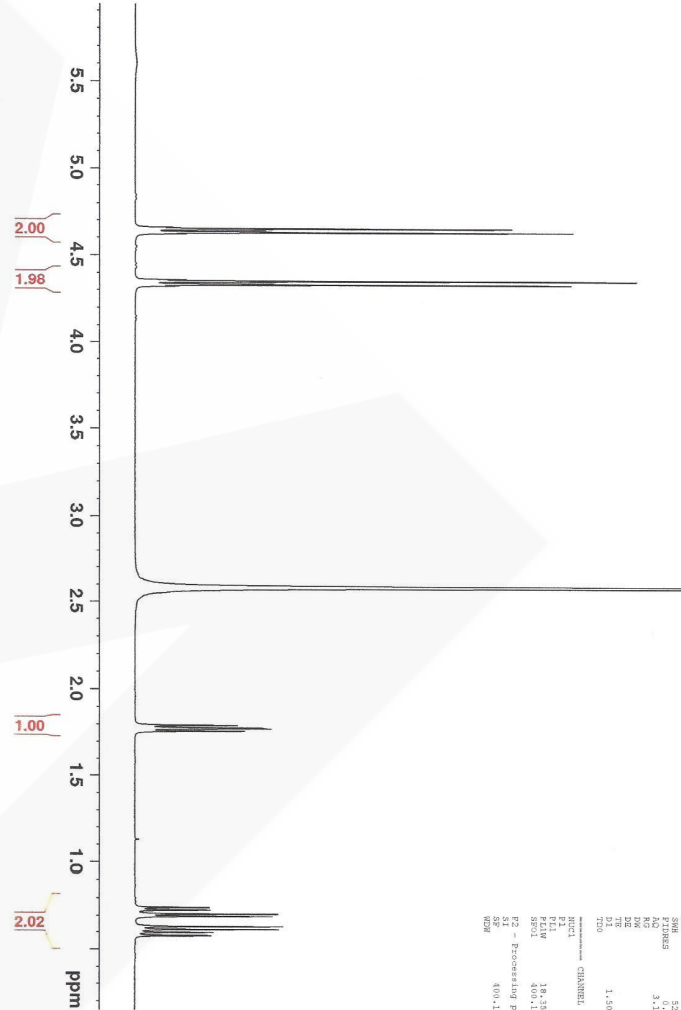
Description	Method	Result
Identification	H-NMR	Conforms
Assay	HPLC	99.5%
Lead	ICP-MS	0.021 ppm
Arsenic	ICP-MS	<0.001 ppm
Cadmium	ICP-MS	<0.001 ppm
Mercury	ICP-MS	0.042 ppm
Total Aerobic Count	Biolumix	<1,000 cfu/g
Yeast & Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Absent
Coliform	Biolumix	<10 cfu/g
Salmonella	Biolumix	Absent

Collin Thomas *CTM*
Laboratory Manager

07/22/2020 *7/22/20*
Date

The result(s) stated in this report is only for the sample submitted. This report may not be reproduced in whole or in part, nor may any reference be made to the work, the result, or the company in any news release, public announcements or advertising without our prior written consent.

812 Meadow Lark Lane, Goodlettsville, TN 37072
Tel: 615-239-8604



¹H NMR of L-Tyrosine
In D₂O/DCI
Lot #20070625
Colmaric Analytical
400 MHz
7-21-20

Current Data Parameters
Date: 07/22/20 2:22:10
ExpNo: 1
F2 - Acquisition Parameters
Time: 13:19
Date: 07/22/20
PULPROG: zgpg30
PROBHD: 5 mm PABBO-5
PULPROG: zgpg30
SOLVENT: DMSO
NS: 0
DS: 4
SWH: 0.228412 MHz
FIDRES: 0.000100 MHz
AQ: 3.145721 sec
RG: 96.000 lines
SR: 256.0 lines
TE: 298.2 K
SFO: 400.1360625 MHz
SI: 1.0000000 sec
SOLVENT CHANNEL F1
NUC1: ¹H
P1: 12.00 sec
F1: 12.00 MHz
PC: 1.00 sec
PL1: 0.00 dB
PL2: 19.10 dB
PL3: 19.10 dB
PL4: 19.10 dB
PL5: 19.10 dB
PR: 400.1360625 MHz
SI: 1.0000000 sec
SFO: 400.1360625 MHz
SOLVENT: DMSO