

LIFTMODE

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

CERTIFICATE OF ANALYSIS

L-Tyrosine (4-hydroxyphenylalanine)

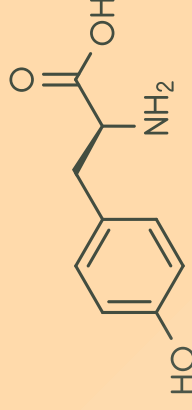
Material Lot #: 56202076
Country of Origin: China
Manufacturer Analysis Date: 04/08/2020
Analysis Date: 07/22/2020
Retesting Date: 07/22/2023

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
E.coli	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.
- 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.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder easier to tolerate.
- 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.
- It is safe to stack L-Tyrosine with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of L-Tyrosine are most effective when they are supported by a healthy diet and plenty of exercise.

1H NMR of L-Tyrosine
 in D2o/DCI
 Lot #20070625
 Colmaric Analytical
 400 MHz
 7-21-20

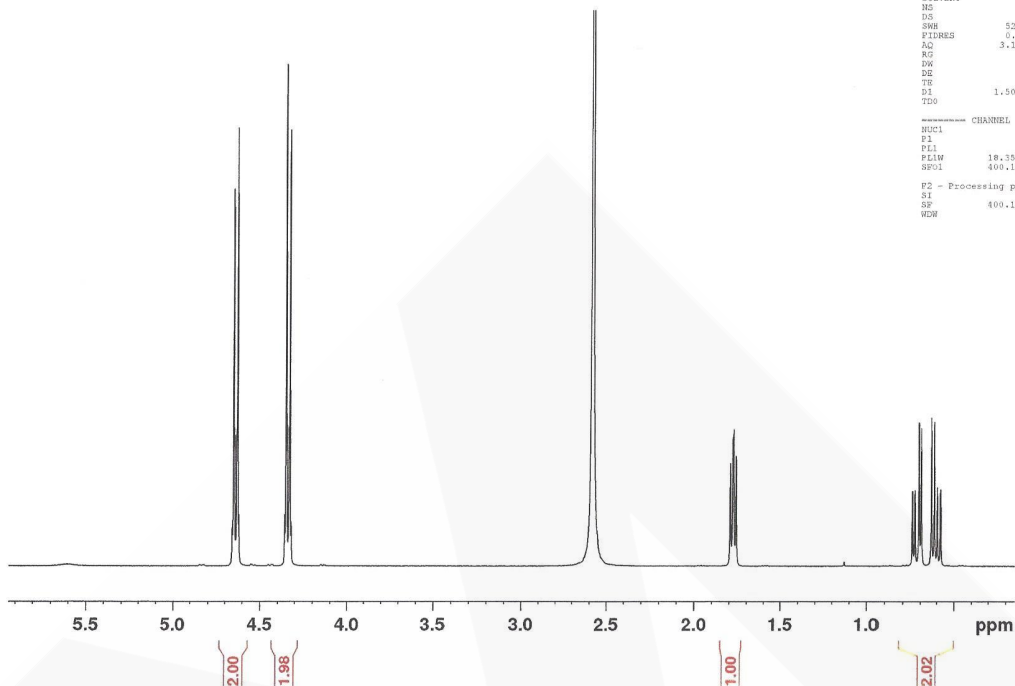
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Current Data Parameters
NAME      Jul21-2020-colmaric
EXPNO    2
PROCNO   1

F2 - Acquisition Parameters
Date_    20200721
Time     13.19
INSTRUM  spect
PROBHD   5 mm PABBO DE-
PULPROG  zg30
TD       32768
SOLVENT  DMSO
NS       32
DS       0
SWH      5208.333 Hz
FIDRES   0.158946 Hz
AQ       3.1457281 sec
RG       134
DX       96.000 usec
DE       25.61 usec
TE       298.0 K
D1       1.5000000 sec
T30      1

----- CHANNEL f1 -----
NUC1     1H
P1       11.28 usec
PL1     -2.50 dB
PL1W    18.35869398 W
SFO1     400.1520907 MHz

F2 - Processing parameters
SI       32768
SF       400.1300963 MHz
WDW      EM
  
```



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 *Collin Thomas*
 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