



Certificate of Analysis

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

LiftMode

TAU

 2',3',5'-Tri-O-acetyluridine

Material Lot #: 3213900000

Test Date: 02/12/2021

Country of Origin: China

Re-Test Date: 02/09/2024

Analysis

Claim

Result

Triacetyluridine

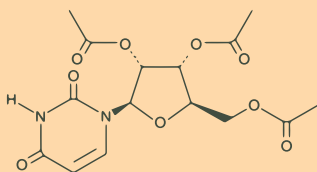
$\geq 98\%$

99.6%

Test/Method	Specification	Result
Lead (ICP-MS)	<1 ppm	Conforms
Arsenic (ICP-MS)	<1 ppm	Conforms
Cadmium (ICP-MS)	<1 ppm	Conforms
Mercury (ICP-MS)	<1 ppm	Conforms
Assay (HPLC)	$\geq 98.0\%$	99.6%

TAU should be stored at or below room temperature in a tightly sealed durable container.
TAU should be protected from excess heat, direct sunlight, excess humidity and moisture.
TAU has a stable shelf life of 3 years from the date of manufacture when properly stored.

TAU



Main Benefits

- TAU can be used to uplift mood and promote nerve health due to its effective neuroprotective properties.
- Studies suggest that TAU may hold strong anti-inflammatory effects.
- Animal studies also suggest that TAU may be effective in promoting neurite outgrowth and prevent neurodegeneration.

Main Cautions

- TAU is generally recognized as safe within the suggested serving size range.
- Excessive consumption of TAU can result in acute nausea, vomiting and diarrhea.
- Do not use this supplement without first consulting your doctor if you are taking any medication or have any underlying medical conditions.

Usage Tips

- A double sided measuring scoop is included. One level scoop from the large contains approximately one serving, or approximately **25mg of TAU**. As a dietary supplement, take 1-2 servings 1-2 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of this supplement are dependent on the amount taken. Use of a scale with 10mg/0.01g accuracy or better is 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 this supplement with other dietary supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of this supplement are most effective when they are supported by a healthy diet and plenty of exercise.



S & N LABS

2021 E. Fourth Street Santa Ana, California 92705 (714) 543-2211

12 February 2021

Job Number:	24710d
PO Number:	verbal

Synaptent LLC
47 W. Polk Street #100-241
Chicago, Illinois 60605

REPORT OF ANALYSIS

One package labeled "Triacetyluridine #3213900000" was received on 1 February 2021. The powder in the package was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was set to 260nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
Triacetyluridine #3213900000	99.6

The chromatogram is enclosed for your reference.

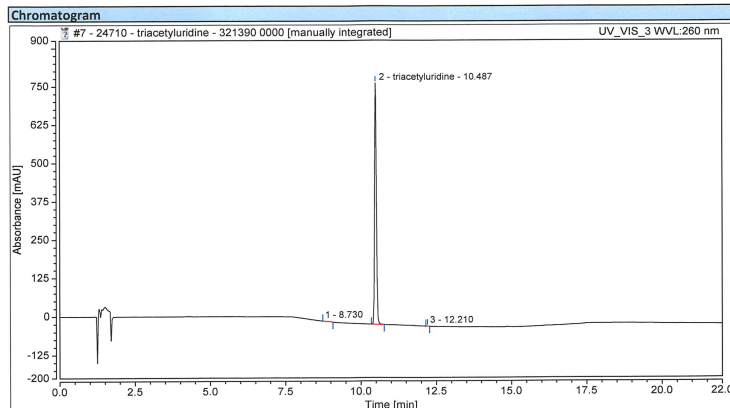
Neil E. Spingarn, Ph.D.
President

Instrument: Surveyor Plus Sequence: 24710 - triacetyluridine purity

Page 1 of 1

Chromatogram and Results

Injection Details			
Injection Name:	24710 - triacetyluridine - 321390 0000	Run Time (min):	30.00
Vial Number:	A22	Injection Volume:	15.00
Injection Type:	Unknown	Channel:	UV_VIS_3
Calibration Level:		Wavelength:	205.0
Instrument Method:	triacetyluridine purity method	Bandwidth:	11
Processing Method:	triacetyluridine purity processing	Dilution Factor:	1.0000
Injection Date/Time:	10/Feb/21 18:01	Sample Weight:	1.0000



Integration Results						
No.	Peak Name	Retention Time min	Area mAU*min	Height mAU	Relative Area %	Relative Height %
1		8.730	0.153	0.000	0.28	0.00
2	triacetyluridine	10.487	53.938	786.436	99.64	99.90
3		12.210	0.042	0.794	0.08	0.10
Total:			54.134	787.230	100.00	100.00



Medallion Labs

www.medallionlabs.com 800-245-5615 info@medlabs.com

Order # Sample ID:	2021-000989-01	Company:	Synaptent LLC
Customer Sample ID:	Triacetyluridine		
Sample Description:	Lot #3213900000		

Analytical Testing

Method:	Component:	Result:	Test Date:
Metals (DMA)	Mercury	26.7 ppb	09-Feb-2021
Metals (ICP-MS)	Arsenic	<10 ppb	09-Feb-2021
Metals (ICP-MS)	Cadmium	<10 ppb	09-Feb-2021
Metals (ICP-MS)	Lead	<10 ppb	09-Feb-2021

Results Approved By: Steven Murray
(Authorized Reviewer)

Medallion Labs maintains A2LA accreditation to ISO/IEC 17025 for the specific tests listed in certificates # 2769.01 and 2769.02. Medallion Labs' services, including this report, are provided subject to all provisions of Medallion's Standard Terms and Conditions, a copy of which appears at www.medallionlabs.com. Unless otherwise noted above, samples were received in acceptable condition and analyzed as received.

Date Issued: February 09, 2021 Medallion Labs 9000 Plymouth Ave. N., Minneapolis, MN 55427 Report #: 38482

Page 2 of 3