



Certificate of Analysis

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

LiftNode

7,8-DHF

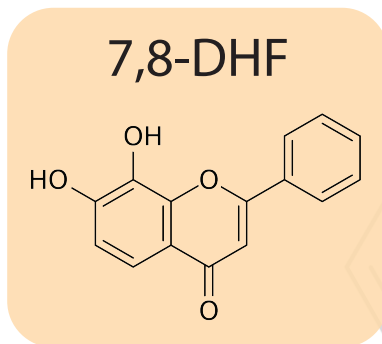
 7,8-dihydroxy-2-phenyl-4-benzopyrone

Material Lot: 20210610 Test Date: 06/10/2021
Country of Origin: China Re-Test Date: 06/07/2024

Analysis	Claim	Result
7,8-DHF	≥ 95%	99.9%

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
Total Aerobic Plate Count (Biolumix)	<1,000 cfu/g	Conforms
Yeast & Mold (Biolumix)	<100 cfu/g	Conforms
E.Coli (Biolumix)	Absent	Conforms
Coliform (Biolumix)	<10 cfu/g	Conforms
Salmonella (Biolumix)	Absent	Conforms
Assay (HPLC)	≥ 98.0%	99.9%

7,8-DHF should be stored at or below room temperature in a tightly sealed durable container.
7,8-DHF should be protected from excess heat, direct sunlight, excess humidity and moisture.
7,8-DHF has a stable shelf life of 3 years from the date of manufacture when properly stored.



Main Benefits

- 7,8-DHF is believed to activate the (TrkB), the usual target receptor of (BDNF). BDNF is a peptide and essential contributor to brain function because it promotes neuronal and synaptic growth.
- Anecdotally, 7,8 – DHF may mimic the effects of BDNF. Studies have shown it may have similar neuroprotective effects on the brain as BDNF which include improved memory, reduced stress, and repair of damaged neurons.

Main Cautions

- 7,8-DHF is generally recognized as safe within the suggested serving size range.
- Excessive 7,8-DHF can result in overstimulation, restlessness, dizziness, nausea, irritability, and trouble sleeping.
- Do not use this supplement without first consulting your doctor if you are taking any medication or have any underlying medical conditions. Due to lack of insufficient data regarding the safety of this product for pregnant or

Usage Tips

- A 0.15cc measuring scoop is included. One rounded scoop contains approximately one serving of **40mg 7,8-DHF**. As a dietary supplement, take 1 serving up to 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 1mg/0.001g 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 7,8-DHF with other supplements as long as the amount consumed does not exceed the suggested serving size.
- The benefits of 7,8-DHF 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

10 June 2021

Job Number:	25122a
PO Number:	verbal

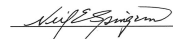
Synaptent LLC
47 West Polk Street #100-241
Chicago, Illinois 60605

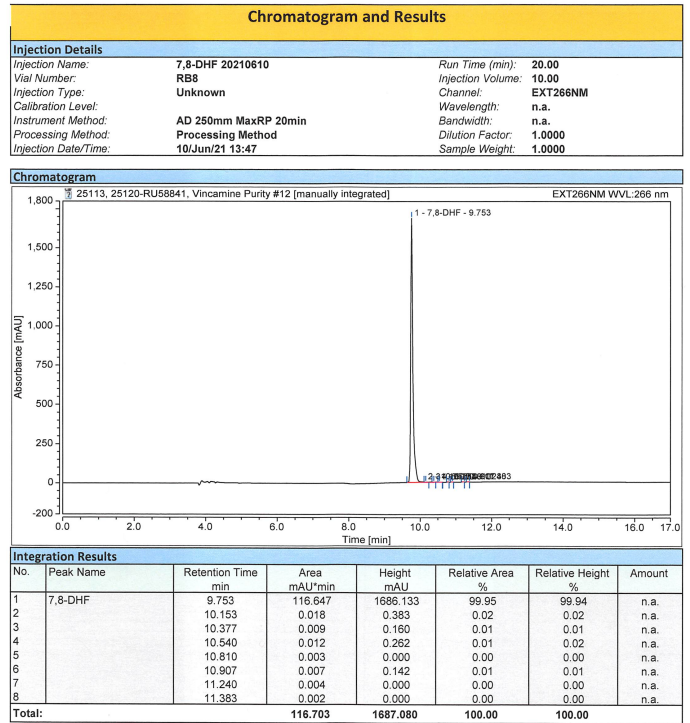
REPORT OF ANALYSIS

One blue container labeled "7,8-DHF 20210610" was received on 10 June 2021. The material was analyzed for purity using high pressure liquid chromatography (HPLC). The detector was monitored at 266 nm. The results are summarized in the table below.

Sample	Chromatographic Purity (% area)
7,8-DHF 20210610	99.9

The chromatogram is enclosed for your reference.


Neil E. Spingam, Ph.D.
President



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Synaptent

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ANALYTICAL REPORT

AR-21-QH-032220-01

Client Code: QH0000902
PO#: 20210610 20210609 20210611

Received On: 10Jun2021
Reported On: 17Jun2021

Eurofins Sample Code:	477-2021-06100161	Sample Registration Date:	10Jun2021
Client Sample Code:	20210610	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	7,8-DHF	Sample Reference:	20210610
FS001 - Heavy Metals (As, Cd, Hg, and Pb)	Reference AOAC 2011.19 and 993.14 (modified)	Accreditation ISO/IEC 17025:2017 A2LA 2918.01	Completed 16Jun2021
Parameter	Result		Sub
Arsenic	< 10.0 ppb		1
Cadmium	< 5.00 ppb		
Lead	32.5 ppb		
Mercury	< 5.00 ppb		
UM8VD - Total Coliforms - CMMEF Chapter 9.933	Reference CMMEF Chapter 9.933	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 11Jun2021
Parameter	Result		
Coliforms	< 10 cfu/g		
Parameter	Result		
Escherichia coli	< 10 cfu/g		
UMDTC - Salmonella species - AOAC-RI 121501	Reference AOAC-RI 121501	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 11Jun2021
Parameter	Result		
Salmonella	Not Detected per 25 g		
UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference BAM Chapter 12	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 12Jun2021
Parameter	Result		
Staphylococcus aureus	< 10 cfu/g		
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 15Jun2021

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Reported On: 17Jun2021

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Client Sample Code:	20210610	Condition Upon Receipt:	acceptable, 21.6°C
Sample Description:	7,8-DHF	Sample Reference:	20210610
UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference FDA BAM Chapter 18 mod.		Completed 15Jun2021
Parameter	Result		
Yeast	< 10 cfu/g		
Parameter	Result		
Moulds	< 10 cfu/g		
UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference CMMEF Chapter 8.72	Accreditation ISO/IEC 17025:2017 A2LA 3329.07	Completed 12Jun2021
Parameter	Result		
Aerobic Plate Count	< 10 cfu/g		