



Certificate of Analysis

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LiftMode

Galacto-oligosaccharide (GOS)

(Oligogalactosyllactose, Oligogalactose)

Material Lot #: 20201015 Test Date: 03-15-2021
Country of Origin: China Re-Test Date: 03-12-2023

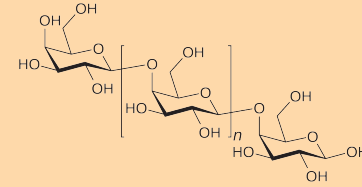
Analysis Claim Result

Galacto-oligosaccharide	≥90%	90.8%
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Test	Specification	Result
Galacto-oligosaccharide (HPLC)	≥90%	%90.8
Lead	≤0.5ppm	<0.01 ppm
Mercury	≤0.5ppm	<0.01 ppm
Cadmium	≤0.5ppm	<0.01 ppm
Arsenic	≤0.5 ppm	<0.01 ppm
Total Aerobic Plate Count	<1000 cfu/g	<10 cfu/g
Yeast	<100 cfu/g	<10 cfu/g
Moulds	<100 cfu/g	<10 cfu/g
Escherichia coli	<10 cfu/g	<10 cfu/g
Coliforms	<10 cfu/g	<10 cfu/g
Salmonella	Negative	Negative
Staphylococcus aureus	<10 cfu/g	<10 cfu/g

Galacto-oligosaccharide (GOS) should be stored at or below room temperature in a tightly sealed durable container.
Galacto-oligosaccharide (GOS) should be protected from excess heat, direct sunlight, excess humidity, and moisture.
Galacto-oligosaccharide (GOS) has a retesting period of 2 years from the date of analysis when properly stored.

Galactooligosaccharides (GOS)



Main Benefits

- Galactooligosaccharides (GOS) are a type of long-chain carbohydrate that are produced naturally through the enzymatic conversion of lactose, especially in cow's milk.
- GOS is comprised of β-linked galactose units, with galactose or glucose on the reducing end.
- GOS are best-known for their prebiotic properties, meaning that they act as a substrate for the growth of beneficial bacteria, like Bifidobacterium, in the gut. The natural source of GOS is cow's milk or human breast milk.

Main Cautions

- Galactooligosaccharides (GOS) is considered likely safe for use at the suggested serving size.
- Excessive Galactooligosaccharides (GOS) (> 20g/day) can result in upset stomach and abdominal stress.
- Do not use this supplement without first consulting your doctor, if you are taking any medication, or have any underlying medical conditions. There is insufficient research to support the use of Galactooligosaccharides (GOS) supplementation during pregnancy and breastfeeding. Therefore, the use of Galactooligosaccharides (GOS) should be avoided if you are pregnant or breast-feeding.

Usage Tips

- A 1.7cc measuring scoop (1/3 teaspoon) is included. Three level scoop contains approximately one serving of approximately **3000mg of Galactooligosaccharides (GOS)**. As a dietary supplement, take 1 serving 1-3 times per day. Start at the lower suggested quantity to assess response.
- The negative effects of Galactooligosaccharides (GOS) are dependent on the amount taken, so use of a scale with 10mg/0.1g accuracy or better is highly recommended.
- Use of capsules, or mixing with tea, yogurt, apple sauce, or oatmeal may help make the powder more tolerable.
- 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 Galactooligosaccharides (GOS) with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Galactooligosaccharides (GOS) are most effective when they are supported by a healthy diet and plenty of exercise.

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Synaptent

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ANALYTICAL REPORT

AR-21-QH-014039-01

Client Code: QH0000902
PO Number: 20200224

Received On: 26Feb2021
Reported On: 16Mar2021

Eurofins Sample Code: 477-2021-02260599	Sample Registration Date: 26Feb2021
Client Sample Code: 20201015	Condition Upon Receipt: acceptable, 18.1°C
Sample Description: Galacto-Oligosaccharides (GOS) 90%	Sample Reference: 20201015

FS02L - Galactooligosaccharides	Reference	Accreditation	Completed	Sub
	AOAC 2001.02, modified	ISO/IEC 17025:2017 A2LA 2918.01	15Mar2021	1

Parameter	Result
Galactooligosaccharides	908,000 ppm

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ANALYTICAL REPORT

AR-21-QH-009403-01

Client Code: QH0000902
PO Number: 20210205

Received On: 12Feb2021
Reported On: 21Feb2021

Eurofins Sample Code: 477-2021-02120088	Sample Registration Date: 12Feb2021
Client Sample Code: 20201015	Condition Upon Receipt: acceptable, 7.1°C
Sample Description: GOS (Galacto-Oligosaccharides)	Sample Reference: 20201015

UMVSE - Aerobic Plate Count - CMMEF Chapter 8.72	Reference	Accreditation	Completed
	FDA BAM Chapter 8.72	ISO/IEC 17025:2017 A2LA 3329.07	14Feb2021

Parameter	Result
Aerobic Plate Count	< 10 cfu/g

UMIB1 - Yeast - FDA BAM Chapter 18 mod.	Reference	Completed
	FDA BAM Chapter 18 mod.	17Feb2021

Parameter	Result
Yeast	< 10 cfu/g

Parameter	Result
Moulds	< 10 cfu/g

UMGWS - Total Coliforms - CMMEF Chapter 8.7	Reference	Completed
	CMMEF Chapter 8.7	13Feb2021

Parameter	Result
Coliforms	< 10 cfu/g

UMCB1 - E. coli - CMMEF Chapter 9.933	Reference	Accreditation	Completed
	CMMEF Chapter 9.933	ISO/IEC 17025:2017 A2LA 3329.07	13Feb2021

Parameter	Result
Escherichia coli	< 10 cfu/g

UMDTC - Salmonella species - AOAC-RI 121501	Reference	Accreditation	Completed
	AOAC-RI 121501	ISO/IEC 17025:2017 A2LA 3329.07	13Feb2021

Parameter	Result
Salmonella	Not Detected per 25 g

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ANALYTICAL REPORT

AR-21-QH-009403-01

Client Code: QH0000902
PO Number: 20210205

Received On: 12Feb2021
Reported On: 21Feb2021

Eurofins Sample Code: 477-2021-02120088	Sample Registration Date: 12Feb2021
Client Sample Code: 20201015	Condition Upon Receipt: acceptable, 7.1°C
Sample Description: GOS (Galacto-Oligosaccharides)	Sample Reference: 20201015

UMHBM - Staphylococcus aureus - BAM Chapter 12	Reference	Accreditation	Completed
	BAM Chapter 12	ISO/IEC 17025:2017 A2LA 3329.07	21Feb2021

Parameter	Result
Staphylococcus aureus	< 10 cfu/g



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

Order # Sample ID: 2021-001612-01	Company: Synaptent LLC
Customer Sample ID: GOS (Galacto-Oligosaccharides)	
Sample Description: Lot #20201015	

Analytical Testing

Method:	Component:	Result:	Test Date:
¹ Mercury	Mercury	<0.010 ppm	01-Mar-2021
Metals (ICP-MS)	Arsenic	<10 ppb	22-Feb-2021
Metals (ICP-MS)	Cadmium	<10 ppb	22-Feb-2021
Metals (ICP-MS)	Lead	<10 ppb	22-Feb-2021

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.

¹ This analysis is performed by a partner lab.

² This test is not considered in-scope of our current A2LA accreditation. For a listing of in-scope tests, please visit www.medallionlabs.com.