

LIFTMODE

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

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CERTIFICATE OF ANALYSIS

Xylitol

(2R,3r,4S)-Pentane-1,2,3,4,5-pentol

Material Lot #: 19032803
Country of Origin: China

Manufacture Date: 03/28/2019
Re-Test Date: 04/01/2022

Analysis	Claim	Result
Xylitol	≥98.50%	99.55%

Test	Specification	Result
Appearance	A white crystalline powder	Complies
Assay	≥98.5%	99.55%
Other Polyols	≤2.0%	0.29%
Reducing Sugar	≤0.2%	0.02%
Water	≤0.5%	0.11%
Residue on Ignition	≤0.5%	0.02%
pH	5.0-7.0	5.7
Melting Point	91.0-94.5°C	93.7
Heavy Metals	≤10 ppm	Complies
Nickel	≤1 ppm	Complies
Lead	≤1 ppm	Complies
Arsenic	≤1 ppm	Complies
Cadmium	≤1 ppm	Complies
Mercury	≤1 ppm	Complies
Total Plate Count	≤100 cfu/g	Complies
Yeast	≤10 cfu/g	Complies
Mold	≤10 cfu/g	Complies
E.Coli.	Negative	Complies
Salmonella	Negative	Complies

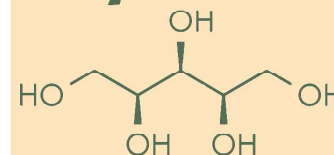
Xylitol should be stored at or below room temperature in a tightly sealed durable container. Xylitol should be protected from excess heat, direct sunlight, excess humidity and moisture. Xylitol has a stable shelf life of 3 years from the date of manufacture when properly stored.

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Xylitol



Main Benefits

- Xylitol is a naturally occurring compound that serves as a natural sweetener in a variety of fruits and vegetables.
- Xylitol can be used like sugar, but contains at least 40% less calories and has none of the harmful effects of sugar.
- Xylitol (in strong opposition to sugar) can also be used to strengthen teeth and prevent tooth decay.

Main Cautions

- Xylitol is generally regarded as safe within the 1,000mg serving size. However, we still advise that you do not exceed the recommended serving size.
- Excessive amounts of Xylitol can lead to gas, bloating, and diarrhea.
- 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 1.7cc (1/3rd teaspoon) measuring scoop is included. One rounded scoop contains approximately one serving, or approximately **1000mg of Xylitol**. As a dietary supplement, take 1 serving up to 2 times per day. Start with lower suggested serving quantities to assess response.
- The negative effects of Xylitol are dependent on the amount taken. Use of a scale with 1mg/0.001g 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 Xylitol with other supplements, so long as the amount consumed does not exceed the suggested serving size.
- The benefits of Xylitol are most effective when they are supported by a healthy diet and plenty of exercise.



Colmaric Analyticals, LLC

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Certificate of Analysis

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

Product Name	Xylitol	Product Lot Number	19032803
Report Date	08/15/2019	Laboratory Number	12473

Description	Method	Result
Identification	H-NMR	Conforms
Assay	HPLC	100.4%
Lead	ICP-MS USP <730>	0.006 ppm
Arsenic	ICP-MS USP <730>	<0.0001 ppm
Cadmium	ICP-MS USP <730>	0.006 ppm
Mercury	ICP-MS USP <730>	0.001 ppm
Total Aerobic Count	Biolumix	<1000 cfu/g
Yeast & Mold	Biolumix	<100 cfu/g
E. Coli	Biolumix	Negative
Coliform	Biolumix	<10 cfu/g
Salmonella	AOAC 967.26	Negative

Collin Thomas *Collin Thomas*
Laboratory Manager

08/15/2019 8/15/19
Date

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