

SURACTIVES® NEWS

IPS SURACTIVES® is glad to present the newly developed

100% XYLITOL SPHERES

Showing a controlled particle size distribution, IPS XYLITOL SPHERES are particularly of interest for the pharma and food supplement industries.

Xylitol has about 40% less calories and 75% less carbohydrates than sugar, it is slowly absorbed and metabolized. Thanks to its insulin-independent nature, xylitol is used as a preferred sweetener for diabetic diets.

Xylitol is a sweet-tasting sugar substitute that has been approved for use in more than 35 countries. Consumption of xylitol is associated with a significant reduction in tooth decay, resulting in fewer cavities and resolution of periodontal disease. Xylitol has been shown to contribute to increased bone density, weight loss, stabilization of blood sugar and lowering of insulin levels.

Additional benefits include:

- Increased utilization of fat
- Replenishment of glycogen
- Antioxidant — generates NADPH, keeping glutathione in an active state
- Increased endurance
- Reduction of free radical and oxidative damage.

XYLITOL SPHERES						
SPECIFICATIONS						
<u>Description:</u>	IPS	Off-white, almost spherical pellets				
<u>Identification:</u>	EP	Complies				
<u>Xylitol content (Assay):</u>	EP	Min 98%				
<u>Loss on drying:</u>	IPS	Max 0.5%				
<u>Particle size distribution:</u>	IPS	See table				

PARTICLE SIZE SPECIFICATIONS							
NGLE SIZES - standard		MIN.	MAX.	DOUBLE SIZES - standard		MIN.	MAX.
Size # 18 (850-1180 microns)	> 1400 µm		0	Size # 16/18 (1000-1180 microns)	> 1400 µm		0
	> 1180 µm		10%		> 1180 µm		10%
	> 850 µm	90%			> 1000 µm	90%	
	< 850 µm		10%		< 1000 µm		10%
Size # 20 (710-1000 microns)	> 1180 µm		0	Size # 18/20 (850-1000 microns)	> 1180 µm		0
	> 1000 µm		10%		> 1000 µm		10%
	> 710 µm	90%			> 850 µm	90%	
	< 710 µm		10%		< 850 µm		10%
Size # 25 (600-850 microns)	> 1000 µm		0	Size # 20/25 (710-850 microns)	> 1000 µm		0
	> 850 µm		10%		> 850 µm		10%
	> 600 µm	90%			> 710 µm	90%	
	< 600 µm		10%		< 710 µm		10%



SURACTIVES® DIVISION