



Bioecolians

Prebiotic

Comparison with other oligosaccharides

BioEcolians® is an α -gluco-oligosaccharide (GOS α) obtained by an enzymatic synthesis process. Composed of glucose units, BioEcolians® originality and characteristics are due to the linkage between saccharide units and more specifically to the $\alpha(1-2)$ linkage which make it non digestible.

Comparison with other oligosaccharides

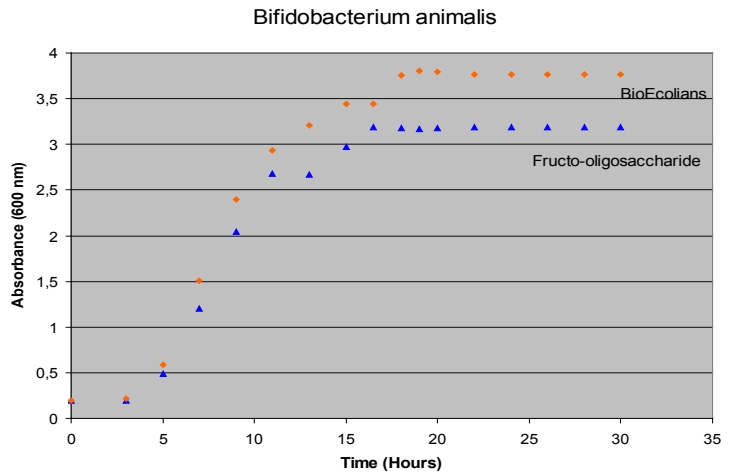
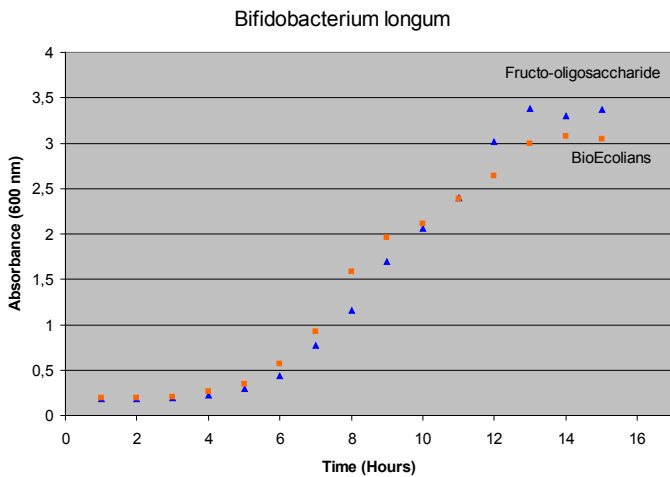
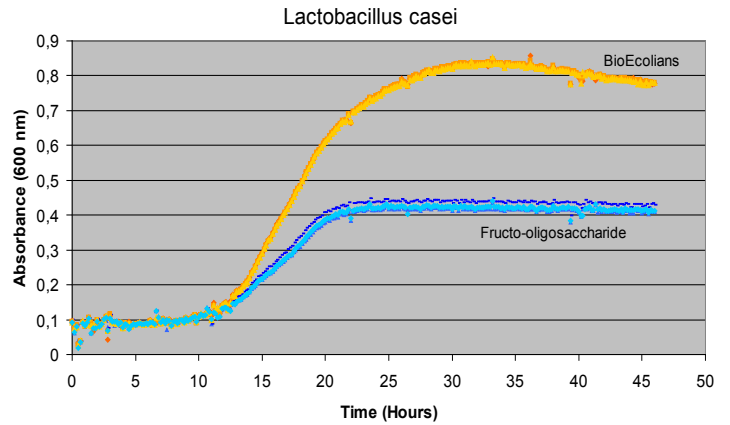
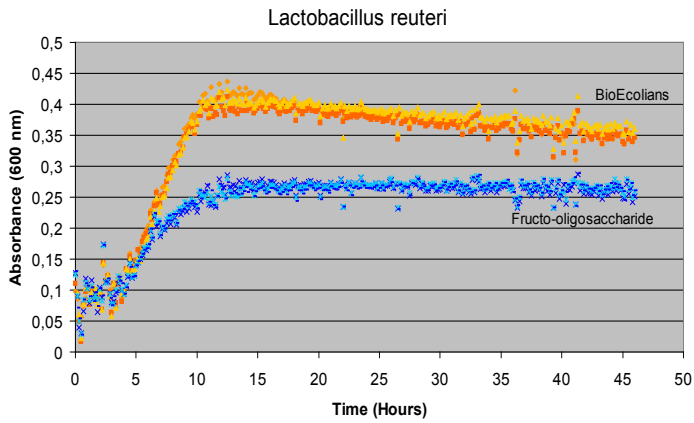
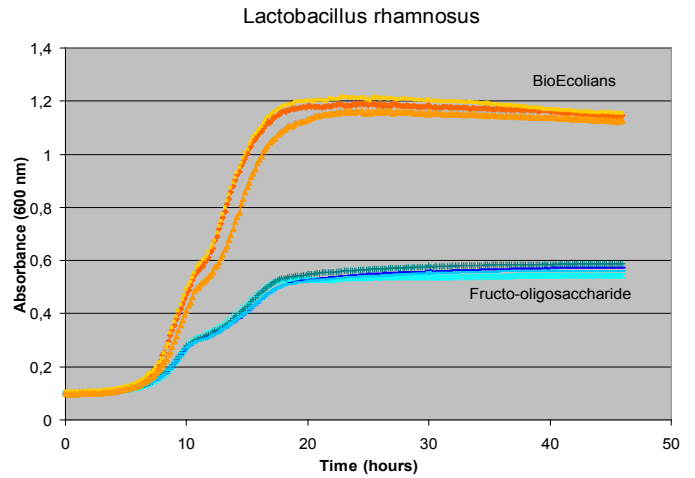
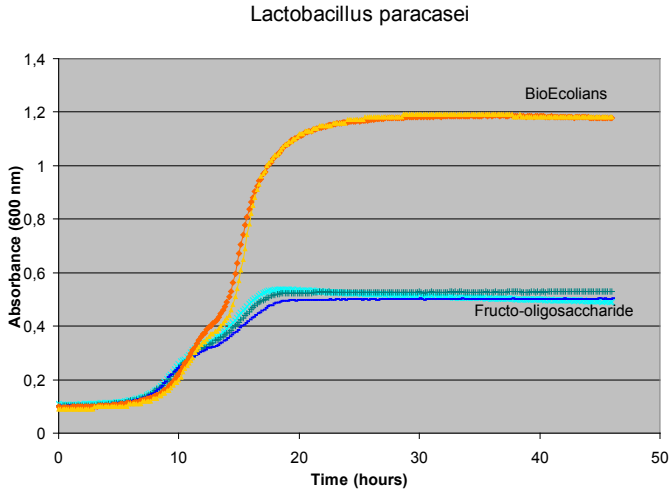
	BioEcolians	FOS	Inulin	GOS
Structure Polym. degree	Gluco-oligosaccharides 3 to 9	Fructo-oligosaccharides 2 to 10	Fructo-oligosaccharides 10 to 65	Galacto-oligosaccharides 2 to 8
Origin	Synthesis	Synthesis	Extraction (Chicory)	Synthesis
Linkages	$\alpha(1-2)$, $\alpha(1-6)$ Dextrans	$\beta(2-1)$ Fructans	$\beta(2-1)$ Fructans	$\beta(1-4)$, $\beta(1-6)$
Daily dose	1-2 g	5-20 g	5-20 g	5-10g
Applications	Digestive health Symbiotic formulations	Digestive health	Digestive health	Digestive health
Benefits	Well tolerated Easier intake for consumers Ideal for synbiotic formulation: Aw = 0.16 Stable in acidic conditions Better growth of beneficial gut micro-organisms (see growth curves) Easier presentation for manufacturers			
Limitations		Discomfort observed at high dosage	Discomfort observed at high dosage Lower performance with probiotics	Lactose traces

Distributed by:



sales@barringtonnutritional.com
(800) 684-2436

BioEcolians® vs. Fructo-oligosaccharides



Growth curves show a better growth of beneficial gut micro-organisms with BioEcolians.



Distributed by:

BARRINGTON
NUTRITIONALS

sales@barringtonnutrionals.com
(800) 684-2436

Contact: contact.nutrition@solabia.com
Address: SOLABIA Nutraceutics
41 Rue Delizy
93692 PANTIN Cedex, France
Tel. +33 1 48 10 19 40
Visit us at: www.solabia.com