

Fischer ANalysen Instrumente GmbH



H₂ breath test protocols with LactoFAN

Substance, Test Type		Dosage		Interval	Length	Criterion	Diagnosis
		[g / kg]	maximum [g]	[min]	[min]		
Lactose	Malabsorption	1	25	30	180	HOB ≥ 20 ppm H ₂	malabsorption
Fructose	Malabsorption	1	25	30	180	HOB ≥ 15 ppm H ₂	malabsorption
Sorbitol	Malabsorption	0.5	25	30	180	HOB ≥ 15 ppm H ₂	malabsorption
Sucrose	Malabsorption	2	50	30	180	HOB ≥ 15 ppm H ₂	malabsorption
D-Xylose	Malabsorption	2	25	30	180	HOB ≥ 15 ppm H ₂	malabsorption
Starch	Malabsorption	2	100	30	420	HOB ≥ 20 ppm H ₂	malabsorption
Lactulose	Intestinal Transit Time	0.5	10	10	300	Rise (min. 20 ppm) later than 90 min	delayed
Glucose	Bacterial Overgrowth	1	50	20	120	HOB ≥ 15 ppm H ₂	overgrowth
Lactulose	Bacterial Overgrowth	0.5	10	20	120	HOB ≥ 20 ppm H ₂	overgrowth

HOB = Hydrogen Over Basal value [ppm]