

# Technical Datasheet

<b>Analysis Name:</b>	Determination of Reducing and Non-Reducing Sugars by HPLC
<b>Method Number:</b>	LIBR 053
<b>Scope Application:</b>	Description of method for determination sucrose, glucose, fructose, maltose, maltotriose and lactose by HPLC.
<b>Description:</b>	Components of sugar profile are extracted by heating sample test portion on Acetonitrile/water solution and extracted analyzed by HPLC with refraction index detector.
<b>Sample Weight Required:</b>	50 g
<b>Method Reference:</b>	-
<b>Analytical Platform:</b>	HPLC
<b>Special Information:</b>	Not applicable culinary and dietetic products. Total sugar content is expressed as sum of individual components determined. Method accredited ABNT ISO 17025: 2017.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Sucrose	-	g/100g	0.2	< 16 %
Maltose	-	g/100g	0.2	< 16 %
Fructose	-	g/100g	0.2	< 16 %
Glucose	-	g/100g	0.2	< 16 %
Lactose	-	g/100g	0.2	< 16 %
Maltotriose	-	g/100g	0.2	< 16 %