

# Technical Datasheet

<b>Analysis Name:</b>	Vitamin B6 by HPLC
<b>Method Number:</b>	LIBR 099
<b>Scope Application:</b>	Description of a method for the determination of Vitamin B6 by HPLC.
<b>Description:</b>	Enzymatic dephosphorylation of phosphorylated forms of vitamin B6. Transformation of pyridoxamine into pyridoxal by reaction with glyoxylic acid in presence of Fe+2. Reduction of pyridoxal to pyridoxine by sodium borohydride in alkaline medium. Analysis of pyridoxine by ion-pair HPLC with fluorescence detection. Quantitation by comparison with external standards.
<b>Sample Weight Required:</b>	100 g
<b>Method Reference:</b>	-
<b>Analytical Platform:</b>	HPLC
<b>Special Information:</b>	LOQ are dependent of matrix. Method in process for accreditation ABNT ISO 17025: 2017.

Analyte Reported	Alias	Unit of Measure	Typical Limit of Quantification	Uncertainty
Vitamin B6	-	mg/100g	0.03	< 20 %