

# Technical Datasheet

<b>Analysis Name:</b>	Determination of Chlorate by LC-MS/MS
<b>Method Number:</b>	LIBR 139
<b>Scope Application:</b>	Description of a method for the quantitative determination of chlorate in by LC-MS/MS.
<b>Description:</b>	Analytes are extracted with both an acidified water-methanol mixture (1:1) and dichloromethane by using cell disruption instrument (mechanic shaker e.g. Geno/Grinder). The test solution is then centrifuged and an aliquot of the supernatant is diluted ten times. After filtration, the extract is analyzed by LC MS/MS
<b>Sample Weight Required:</b>	120 g
<b>Method Reference:</b>	-
<b>Analytical Platform:</b>	LC-MS/MS
<b>Special Information:</b>	LOQ are dependent of matrix. Method not accredited.

<b>Analyte Reported</b>	<b>Alias</b>	<b>Unit of Measure</b>	<b>Typical Limit of Quantification</b>	<b>Uncertainty</b>
Chlorate	-	mg/kg	0.010	< 35 %