

**VEGETABLE MATTER**

Parameters	POS.NUM OF METHOD.REVISION/ STANDARD	Analytical Method
Sample preparation	POF.001	Drying at 105°C / Grinding
Total carbon	POF.002	Elemental analysis
Total nitrogen	POF.003	Elemental analysis
Nitrate extractable in water	POF.004	Extraction in water / uv-vis spectrophotometry
Ammonium extractable in water	POF.005	Extraction in water / uv-vis spectrophotometry
Chloride extractable in NaNO ₃	POF.006	Extraction in sodium nitrate / uv-vis spectrophotometry
Elements extractable in HNO ₃ /H ₂ O ₂ : Aluminium, Antimony, Arsenic, Barium, Beryllium, Boron, Calcium, Cobalt, Copper, Chromium, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Silver, Selenium, Silicon, Sodium, Strontium, Sulphur, Thallium, Tin, Vanadium and Zinc	POF.007	Extraction in nitric acid and hydrogen peroxide / ICP-OES (dry matter)
Elements extractable in HNO ₃ /HCl: Aluminium, Antimony, Arsenic, Barium, Beryllium, Boron, Calcium, Cobalt, Copper, Chromium, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Silver, Selenium, Silicon, Sodium, Strontium, Sulphur, Thallium, Tin, Vanadium and Zinc	POF.008	Extraction in <i>aqua regia</i> / ICP-OES
Moisture / Dry matter	POF.009	Gravimetry
Brix	POF.011	Refractometry
Total acidity	POF.012	Volumetry
Average weight	POF.013	Gravimetry
Nitrite extractable in water	POF.014	Extraction in water / uv-vis spectrophotometry
Ash	POF.015	Gravimetry
Elements extractable in HNO ₃ /H ₂ O ₂ : Aluminium, Antimony, Arsenic, Barium, Beryllium, Boron, Calcium, Cobalt, Copper, Chromium, Iron, Lead, Lithium, Magnesium, Manganese, Mercury, Molybdenum, Nickel, Phosphorus, Potassium, Silver, Selenium, Silicon, Sodium, Strontium, Sulphur, Thallium, Tin, Vanadium and Zinc	POF.016	Extraction in nitric acid and hydrogen peroxide / ICP-OES (fresh vegetable matter)



ANÁLISES QUÍMICAS

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ANALYSIS METHODS

DG-7/3

SAP ANALYSIS

Parameters	POS.NUM OF METHOD.REVISION/ STANDARD	Analytical Method
Sample preparation	POSE.001	-
Extractable elements: Potassium, Phosphorus, Calcium, Magnesium, Sulphur, Boron, Iron, Manganese, Zinc, Copper, Molybdenum, Silicon, Sodium, Aluminium	POSE.002	ICP-OES
pH (H ₂ O)	POSE.003	Potentiometry
Electrical conductivity	POSE.004	Conductimetry
Brix	POSE.005	Refractometry
Total nitrogen	POSE.006	Elemental analysis
Nitrate nitrogen	POSE.007	uv-vis spectrophotometry
Ammonium nitrogen	POSE.008	uv-vis spectrophotometry
Chloride	POSE.009	uv-vis spectrophotometry