

## Physico-chemical analysis in honey

### Analists:

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PARAMETER	Measure unit	METHOD OF ANALYSIS	
		Internal CODE	Analysis technique / Normative
Determination of water by refractometric method	g/100g	PO-01	Refractometric analysis Harmonised Methods of IHC (2002)
Determination of electrical conductivity	mS/cm	PO-02	Conductometric analysis Harmonised Methods of IHC (2002)
Determination of ash	g/100g	PO-03	Gravimetric analysis STAS 784/3-1989
Determination of colorimetric index	mm Pfund	PO-04	Colorimetric analysis STAS 784/3-1989
Determination of pH , free acidity, lactone and total acidity	meq/kg	PO-05	Potentiometric analysis Harmonised Methods of IHC (2002)
Determination of hydroxymethylfurfurale ( White method)	mg/kg	PO-06	Spectrophotometric analysis (White) Harmonised Methods of IHC (2002)
Determination of hydroxymethylfurfurale by HPLC	mg/kg	(*)	HPLC Harmonised Methods of IHC (2002)
Sensory analysis of honey	-	PO-07	STAS 784/3-1989
Determination of diastase	Unitati Schade/g	PO-08	Spectrophotometric analysis (Amylazima) Harmonised Methods of IHC (2002)
Diastase activity	Schade units /g	(*)	Spectrophotometric analysis(Schade) Harmonised Methods of IHC (2002)
Determination of reducible sugars and apparent saccharose by Elser method	g/100g	PO-09 PO-10	Volumetric analysis STAS 784/3-1989
Sugars (glucose, fructose and saccharose)	g/100g	PO-15	HPLC Harmonised Methods of IHC (2002)
Determination of pollen content (palinologic analysis)	%	PO-12	Microscopic examination of pollen and other elements of the sediment STAS 784/3-1989
Determination of water insolubile material	g/100g	PO-13	Gravimetric analysis STAS 784/3-1989
Proline	mg/kg	(*)	Spectrophotometric analysis Harmonised Methods of IHC (2002)
Determination of metals from honey	ppm	PO-17	Atomic absorbtion spectrometry analysis SR EN 14082/2003

(\*)Non-accredited method