

# SALAMON & SEABER

CONSULTING AND ANALYTICAL CHEMISTS  
ESTABLISHED 1910

## SUGAR, HONEY & RELATED COMMODITIES

We undertake the analysis of raw, refined and speciality sugars, molasses, syrups, honey and products containing sugar. Many of the methods used are those of ICUMSA and are included in our UKAS scope of accreditation.

### Sugar

Typical analysis:

- Polarisation
- Moisture (Loss on drying)
- Sulphated ash
- Conductivity ash
- Invert sugar content
- Reducing sugars (Lane & Eynon)
- Colour
- Particle size determination including mean aperture and coefficient of variation
- Water insoluble matter

### Molasses

Typical analysis of the Molasses Trade:

- Degree Brix (from specific gravity)
- Degree Brix (from specific rotation)
- Reducing sugars (Munsun & walker)
- Reducing sugars (Lane & Eynon)
- Solid matter (vacuum oven)
- Sucrose (Jackson & Gillis IV)
- Sucrose (before and after inversion)
- Sulphated ash
- Sulphur dioxide (Monier Williams)
- Total sugars (as invert)



### Honey

Typical analysis covering UK Statutory Requirements for honey:

Typical analysis for beeswax, as specified in the British Pharmacopoeia include:

- Acidity
- Colour Pfund grader
- Dextrose
- Diastase number
- Hydroxymethylfurfural (HMF)
- Moisture (from refractive index)
- Reducing sugars (as invert)
- Sucrose