Physical and chemical methods

- Clarity and opalescence of liquids
- Color of liquids
- pH – potentiometric
- pH – color indicator
- Relative density
- Refractive index
- Optical rotation
- Boiling point
- Melting point – capillary method
- Dropping point
- Potentiometric titration
- IR Spectroscopy
- UV-Vis Spectroscopy
- Thin layer chromatography
- Gas chromatography
- Liquid chromatography
- Loss on drying
- Extract residue
- Exclusion chromatography
- Disintegration of tablets and capsules

Limit tests

- Ammonium
- Arsenic
- Calcium
- Chloride
- Magnesium
- Magnesium, alkaline earth metals
- Heavy metals
- Iron
- Phosphates
- Potassium
- Sulfates
- Sulfated ash
- Total ash
- Free formaldehyde
- Alkaline impurities in fatty oils
- Detection of adulteration of oils and fats by thin layer chromatography
- Fatty acid profile by gas chromatography
- Identification and control of residual solvents (solvent residues)

Assay

- Acid value
- Iodine Value
- Peroxide Value
- Ester value
- Hydroxyl value
- Saponification value
- Anisidine value
- Complexometric titration
- Semi-micro Water determination – Karl Fischer
- Oxidizing substances
- Dissolution Test

Identification tests

- Identity of ions and functional groups
- Identity of fatty oils by thin layer chromatography
- Odour

QHP PHARMA ANALYTICS QUALIFIED HYGIENIC PRACTICE

Methods of Pharmacognosia

- Water in essential oils
- Residue on evaporation of essential oils
- Solubility in alcohol of essential oils
- Foreign esters in essential oils
- Fatty oils, resinified essential oils in essential oils

Methods of pharmaceutical technology

- Uniformity of mass of single dose preparations
- Content uniformity of single dose preparations
- Ethanol content and alcoholimetric tables
- Test for methanol and 2-propanol
- Test for extractable volume of parenteral preparations
- Optical microscopy
- Uniformity of single-dose preparations

Method development & validation

We develop concept-based scientific and economic methods for our clients. This may be required because new concepts have been found, existing methods have to be adapted to a new technique or regulations have changed.

Our work also includes the creation of development and validation protocols and reports, ensuring compliance with ICH guidelines for transparency and traceability. We are therefore well-placed to consider all of your requirements.

ICH Stability Tests

We can offer storage and analysis of your products for durability / stability evaluation. We perform long-term, short-term and in-use stability tests for finished pharmaceutical products in accordance with current ICH and GMP guidelines. We also provide a storage-only option if you prefer to arrange testing separately.

We can offer you the following climatic conditions:

- 25 °C / 60% r.H.
- 30 °C / 65% r.H.
- 30 °C / 75% r.H.
- 40 °C / 75% r.H.