

Established and Validated Analytical Test Methods

ELECTROPHORESIS:

- SDS-PAGE
- IEF
- 2D-Gel Electrophoresis
- Native Electrophoresis
- Western Blot

SPECIAL PROTEIN ANALYSES:

- Peptide Mapping
- Activity ELISA
- Western Blotting
- HCP-ELISA

CHROMATOGRAPHY:

- HPLC with UV-VIS Detector / Diode Array
 - Ion Exchange
 - Size Exclusion
 - Reversed Phase
 - Affinity Chromatography

UV-VIS SPECTROSCOPY:

- Protein Concentration using BCA Reagent
- Protein Concentration Bradford
- DNA Content
- Acetate
- Thiol
- PEG

FTIR (Shimadzu PC 8002):

- Identity Testing of Organic Raw Materials

MICROBIOLOGICAL METHODS:

- Cell Viability
- Plasmid Stability
- Culture Purity
- Protein Expression
- API System
- Antibiotica Resistance
- Gram Staining
- Bacteriophage Monitoring
- Bioburden Analysis
- Sterility

ENVIRONMENTAL MONITORING:

- Active Air Sampling
- Contact Plates
- Airborne Particles
- Microbiological Monitoring Water

OTHERS:

- TOC (Shimadzu TOC 5000)
- LAL (Kinetic QCL-Test)
- Threshold for Residual DNA
- Methods from the European Pharmacopoeia