

We understand that time, cost, and quality are extremely important, and we are committed to meeting the needs of our customers by providing tailored, flexible, and cost-effective solutions.

As a robust biologics manufacturing partner, we combine our knowledge, experience, and state-of-the-art equipment to ensure the success of your project.

## PARAMETER

## ANALYTICAL METHOD

PARAMETER	ANALYTICAL METHOD
IDENTITY	cIEF/CE-SDS
	SDS-PAGE
	Glycan Analysis
	Intact mass analysis
	Peptide mapping by LC-MS/MS including PTMs (combined)
	Western Blot
	Peptide mapping by HPLC (with UV detection)
	Various HPLC / UHPLC methods
	CE-SDS
PROCESS IMPURITIES	qPCR/ddPCR
	HCP analysis (ELISA)
	CE-SDS
PRODUCT IMPURITIES	Various HPLC methods
	SDS-PAGE
	Colorimetric methods (Commercial kits)
	Mass Spectrometry
CONTENT	Spectrophotometry
	Colorimetric methods (Pierce, Bradford, BCA)
	ELISA
	HPLC
POTENCY	Cell-based Assays
	Binding Assays
	Biolayer interferometry (Octet)
SAFETY	Bioburden
	Endotoxins
	Sterility testing
PHYSICOCHEMICAL	pH
	Osmolarity
	Colour and clarity
	Total organic carbon
	Conductivity
STRUCTURE (Outsourced)	Circular Dichroism
	Fourier Transform Infrared spectrophotometry
	Differential Scanning Calorimetry
	Analytical Ultracentrifugation