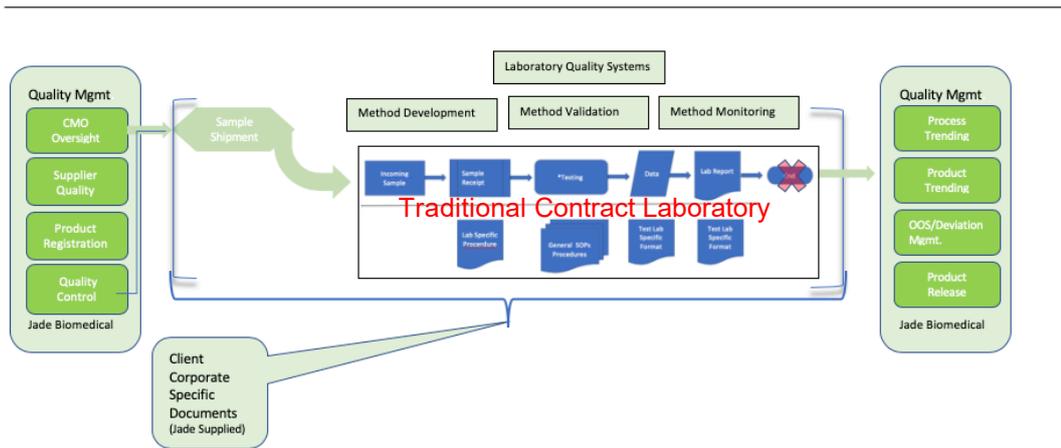


Jade Biomedical - Bio Pacific Laboratories -- a comprehensive Quality Control testing laboratory fully integrated with a bespoke (Jade supplied) client QMS system to provide independent analysis and quality oversight.

The business model is the extension of Jade Biomedical’s QMS services including Quality Control (QC), acting as the client’s quality representative with an active role as part of the corporate management team to ensure all quality requirements for the product are met satisfactorily across all stages in the product life-cycle. The lab-client relationship is designed to provide a long-term partnership and transfer the responsibility of quality management to client at a time that is aligned with corporate goals. The primary focus of Bio-Pacific Laboratories is to provide full product and project support via:

- A comprehensive and centralized ‘remote’ testing center.
 - Testing support is based on the complete panel of assays and lab and its quality systems is designed to support product registration and compliance.
 - Oversight of the manufacturing efforts regardless of manufacturing sight.
- Data is managed for Client for use in product registration/licensing:
 - Services include the ability to be the Qualified Person delegate and part of the corporate senior management team.
 - Based on full life-cycle product support.
 - Data release is not conflicted, the first priority is product compliance and overall success.
- A contiguous flow of process and process information from Discovery to Clinic.

Jade Biomedical – Bio Pacific Laboratories



**JADE BIOMEDICAL
BIO-PACIFIC LABORATORIES**

Analytical Capabilities	Characterization	Process Dev.	Formulation	In Process	Environment Monitoring	COA	Stability	Trials	Shelfing	Safety	Process Verification
EDC Assay	*	*	*	*	*	*	*	*	*	*	*
Cell Based Potency	*	*	*	*	*	*	*	*	*	*	*
LEP	*	*	*	*	*	*	*	*	*	*	*
tSIS Non-Riskad	*	*	*	*	*	*	*	*	*	*	*
CD30 Riskad	*	*	*	*	*	*	*	*	*	*	*
ELISA Methods	*	*	*	*	*	*	*	*	*	*	*
HELS: HPLC	*	*	*	*	*	*	*	*	*	*	*
HPLC: HPLC	*	*	*	*	*	*	*	*	*	*	*
Stability	*	*	*	*	*	*	*	*	*	*	*
SEC HPLC	*	*	*	*	*	*	*	*	*	*	*
SEC HPLC	*	*	*	*	*	*	*	*	*	*	*
SEC HPLC	*	*	*	*	*	*	*	*	*	*	*
N-Glycan Analysis	*	*	*	*	*	*	*	*	*	*	*
Mannose Phosphorylation	*	*	*	*	*	*	*	*	*	*	*
Glycan Analysis	*	*	*	*	*	*	*	*	*	*	*
Microrheology	*	*	*	*	*	*	*	*	*	*	*
Prok Titer	*	*	*	*	*	*	*	*	*	*	*
Process Related	*	*	*	*	*	*	*	*	*	*	*
Endo Assay	*	*	*	*	*	*	*	*	*	*	*
UV Titer	*	*	*	*	*	*	*	*	*	*	*
Residual DNA	*	*	*	*	*	*	*	*	*	*	*
pH	*	*	*	*	*	*	*	*	*	*	*
Conductivity	*	*	*	*	*	*	*	*	*	*	*
Osmolality	*	*	*	*	*	*	*	*	*	*	*
Endotox	*	*	*	*	*	*	*	*	*	*	*
Endotox	*	*	*	*	*	*	*	*	*	*	*
Microplasma (Culture)	*	*	*	*	*	*	*	*	*	*	*
Microplasma (Culture)	*	*	*	*	*	*	*	*	*	*	*
TSC	*	*	*	*	*	*	*	*	*	*	*
Cell Bank Visual Screening (DPUS)	*	*	*	*	*	*	*	*	*	*	*

CHARACTERIZATION & RELEASE

STORAGE

STABILITY

CELL LINES

SAFETY

CHARACTERIZATION

TESTING/ COA GENERATION

PRODUCT

INTERMEDIATE ANALYSIS

STABILITY/ SHELF LIFE

ENV. MONIT.

PROCESS GASSES

COA

FACILITY

WFI

CS

RO/DI