



JUBILANT
HOLLISTERSTIER
CONTRACT MANUFACTURING & SERVICES

Full Service Contract Manufacturing
...Multiple Dosage Forms
...Clinical to Commercial
...Regulatory Excellence

info@jublHS.com
jublHS.com
800.655.5329



Laboratory Services

- ...Technical transfer of analytical methods
- ...Testing and release of drug substances
- ...Testing and release of drug products
- ...ICH storage and testing for stability
 - ...Validation of analytical methods
-Reference standard qualification
 - ...Testing and release of excipients and components
- ...Method development

Jubilant HollisterStier's innovative microbiological and analytical labs are operated by experienced professionals using the most current equipment and procedures to ensure seamless technical transfer of analytical methods for our clients.

We have expanded our offerings to provide outsourcing assistance of analytical and microbiological lab services, including testing of raw materials and finished product and stability time points.

Helping people is what you do best. Let Jubilant HollisterStier take care of the details getting there.

Review our overall outsourcing capabilities by scanning this code or by visiting jublHS.com





Analytical Services					
Protein Assays	-Lowry -UV/vis	-Ninhydrin -BCA	-PNU -Coomassie (Bradford)	•	
Protein Gel Electrophoresis	-Zymogram -SDS PAGE	-LDS PAGE -Immunoblotting	-IsoElectric Focusing -RNA/DNA gels	•	
ELISA (Manual or by liquid handling robot)	-Direct	-Competition	-Indirect	•	
Bench Chemistry	-Compendial testing; USP-NF, EP and JP -TOC	-Conductivity -Freezing point osmometry	-Vapor pressure osmometry -Rheometer	•	•
HPLC	-PDA -UV/VIS/Dual wavelength	-Refractive Index -Ion Chromatography	-Fluorescence -Conductivity	•	•
UPLC	-PDA			•	•
GC	-TCD -FID	-ECD -NPD	-Headspace analyzers	•	•
Moisture	-Karl Fisher titrimetry	-Coulometry	-Oven	•	•
Mettler Toledo and Brinkmann Titrando Titrator	-Various titrimetric methods	•Endpoint •pH •Potentiometric		•	•
ICP	-Metals analysis *in Montreal fall '12			•	*
Polarograph	-Analysis of redox reaction			•	
FTIR Analysis	-ATR accessory	-FT-NIR		•	•
Dissolution, Skalar (Nitrogen Analyzer), Perchloric Acid Hood Capabilities, Polarimeter, NIR (Near IR), Particulate Testing (Royco HIAC), Computer-driven microscope				•	•
Microbiological Services					
Limulus Amebocyte Lysate (LAL) for Raw Materials, Product and Utility Water		-Turbidimetric Method	-Gel Clot	•	•
Bacteriostasis/Fungistasis (B/F)				•	•
Bacterial Endotoxin-Inhibition/Enhancement (I/E)		-Turbidimetric Method	-Gel Clot	•	•
Microbial Limits for Raw Materials				•	•
Growth Promotion Testing				•	•
Bacterial/Fungal Identification to Genus and Species				•	•
Antimicrobial Preservative Effectiveness (APE or PET) Testing				•	
Container Closure Integrity (CCI) via Microbial Immersion				•	
Biological Indicator Population Verification and Identification				•	•
Finished Product and Stability Test Support				•	•
Antibiotic Assay				•	•