

# Nelson Labs Pharmaceutical Support & Services

Consulting for Chemistry, Manufacturing, and Controls (CMC) \* Quality Assurance \* Regulatory Affairs \* Compliance Assurance

## API Production

- Active Pharmaceutical Ingredient (API) Characterization
- Assay & Related Method Development (MD) & Method Validation (MV)
- Elemental Impurities
- Physiochemical Testing
- Reference Standard Characterization
- Residual Solvents MD & MV
- ▲ API Release
- ▲ Stability Studies
- Microbial Limit

## IND Enabling

- Container & Closure Integrity Testing (CCIT)
- Container & Closure Release
- Formulation Development Support
- Assay & Related MD & MV
- Method Feasibility & Verification for Raw Materials
- Raw Material Release
- ▲ Stability Studies
- Bacterial Endotoxin Testing (BET)
- Microbial ID
- Sterility Testing

## Clinical Development

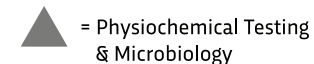
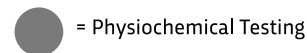
- CCIT
- Cleaning Validation
- Elemental Impurities
- Extractables & Leachables (E&L)
- Impurities & Degradation Product Characterization
- MD & MV
- Method Feasibility & Verification
- Nitrosamine Analysis
- Physical & Chemical Testing
- Residual Solvents
- ▲ Lot-Release Testing
- ▲ Stability Studies
- BET
- Disinfectant Studies
- Filter Validation
- Microbial ID
- Sterility Testing
- Sterilization

## Commercial

- Cleaning Validation
- Container & Closure Release
- Elemental Impurities
- Impurities & Degradation Products
- Nitrosamine Analysis
- Physical & Chemical Testing
- Raw Material Testing Release
- Residual Solvents
- ▲ API Release & Stability
- ▲ Drug-Product Release & Stability
- BET
- Microbial ID
- Sterility Testing
- Sterilization

## Life-Cycle Management

- GAP Analysis for Analytical Methods
- Non-Sterile Formulation Support Liquids
- Remedial Validation
- ▲ Drug Release
- ▲ Stability Studies
- ▲ Terminal & Container Sterilization
- Sterilization



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