

# DRUG PRODUCT: ASEPTIC FILL FINISH

Contract manufacturing services, including aseptic formulation, aseptic vial and syringe filling, lyophilization, on-site stability studies & release for the global market.



Ajinomoto Bio-Pharma Services offers the capacity and quality to scale your process through clinical development and commercialization.

4 Independent Filling Suites

5 Formulation Suites

#### **EXPERINCE WITH A VARIETY OF PRODUCTS**



Monoclonal Antibodies



**Plasmid DNA** 



Small Molecules



Recombinant Proteins



**Peptides** 



Suspensions



**Adjuvants** 



**Vaccines** 



Oligonucleotides

### FORMULATION SERVICES

- Conjugates
- Liposomes
- Nano-Emulsions
- Suspensions
- Nanoparticles
- Conjugations of PEGs and Peptides
- Emulsions

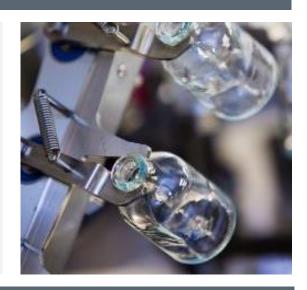




# DRUG PRODUCT: ASEPTIC FILL FINISH

### VIAL FILLING CAPABILITIES

- Vials from 0.5 mL to 100 mL
- Line speeds up to 7,500 syringes/hour
- Comprehensive range of media fill configurations
- Limited line loss
- ISO 5 oversealing environment
- Batch sizes up to 70,000 vials



#### LYOPHILIZATION CAPABILITIES

- Max. lot size of 6,100 x 2 mL
- Vial volumes from 2 to 20 mL
- Temp. control to as low as -65 °C
- Vacuum control as low as 50 mTorr

### GLASS SYRINGE FILLING CAPABILITIES



- Prefilled syringe sizes: 0.5 5 mL
- Maximum lot size: 50,000 syringes
- Line speeds up to 7,500 prefilled syringes/hour
- Vacuum filling & piston placement
- Testing & analysis
- Terminal sterilization





