

## PHARMACEUTICAL SOLUTIONS



### Client Requirements

Secure global transportation and logistics services for movement of temperature sensitive pharmaceutical product in compliance with MOH and FDA regulations, thereby ensuring product integrity.

### Solution

Lynden offers multiple active and passive shipment solutions including ThermoJacket®, as well as complete freight management services tailored to temperature sensitive product requirements.

### Results

Our client has experienced zero claims during the course of our relationship.

Lynden Logistics understands the critical nature of urgent, temperature-controlled shipments, and we have been a trusted partner to our pharmaceutical customers for decades. One of our valued clients trusts Lynden to provide worldwide shipping of temperature sensitive product to and from several global points. This movement requires the ability to maintain product stability in compliance with Ministry of Health (MOH) and Federal Drug Administration (FDA) regulations.

Our client ships multiple temperature sensitive products with varying temperature range requirements, including 2/8°C, 2/25°C, and 15/25°C. To accommodate these requirements Lynden offers multiple active and passive solutions that provide superior protection from outside ambient temperatures and potential excursions, including Envirotainers, frost boxes, and our patented ThermoJacket® service. The ThermoJacket® is a unique, passive solution for temperature controlled air transport. Instead of providing additional cooling or heating during transport, the ThermoJacket® insulates goods from outside temperature fluctuations.

Lynden Logistics also provides our client complete pharmaceutical freight management services that minimize non-compliances and enable freight flow monitoring during all events that have potential to disrupt the cold chain flow. These services include risk analysis and testing of each proposed lane, validation of routes, validation of 3<sup>rd</sup> party capabilities, standard operating procedures (SOP) development for each lane and product covering all door-to-door movements and events, measurement of product ambient temperature every 20 minutes to ensure compliance, and performance reporting by lane and product.

Our relationship with this client spans more than four years, during which we have achieved zero claims received.