

Freeze Drying Services

- ◆ **Fully validated 1000 kg Ice Capacity Freeze Dryer**
- ◆ **1200 Litre Chamber Capacity**
- ◆ **GMP Clean Room Production Facility**
- ◆ **Process Development through to Bulk Product Lyophilisation**
- ◆ **Custom Designed Cycles with Detailed Production Reports**
- ◆ **PLC Controlled Process**
- ◆ **Freeze Drying Service options include Product Dispensing, Labeling & Packaging**

Bovogen Biologicals offers a complete freeze drying service from pilot scale process optimisation through to bulk product lyophilisation.

Bovogen Biologicals' freeze dryers are housed in a purpose built Clean Room Production facility and all manufacturing is conducted under strict GMP conditions.

Pilot scale process development is achieved with a 60 litre ice capacity freeze dryer which enables the optimisation of freezing and drying cycles. Once optimised the freeze drying process can be readily scaled up for bulk product lyophilisation.



Freeze Drying Services

Bovogen Biologicals' bulk product freeze drying is accomplished in their fully validated, 1000 litre ice capacity lyophiliser, which is one the largest in the southern hemisphere.

The system is PLC controlled which assures consistency between batch cycles. Actual cycle performance is able to be verified with cycle production reports that are generated throughout the process.

Bovogen Biologicals specialises in developing freeze drying processes to meet specific customer requirements. Finished product is also able to be dispensed, labelled and packaged to specification.

We take pride in our ability to surpass customer expectations for product quality, delivery and service and we are committed to ensuring that Bovogen Biologicals is not just a supplier but an industry partner for our customers.

Parameter	Specification
Chamber Capacity	1200 Litres
Ice Capacity	1000 Litres
Moisture Level	< 5% (varies with product type)

To request more information, please complete the details below and return to Bovogen Biologicals on fax no: +613 9336 3644 or email: info@bovogen.com

Name: _____

Title: _____

Organisation: _____

Organisation Address: _____

Building/Room/Laboratory: _____

City: _____ State: _____

Country _____ Postcode: _____

Business Telephone: _____ Mobile: _____

Email Address: _____



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Bovogen Biologicals is a certified member of the Australia made campaign.