

Verifying Delivery

To verify pump delivery you can perform the following procedures:

- Measurement of plasma levels during infusion ([more information](#))
- Measurement of the residual volume in the pump reservoir after explantation ([more information](#))

Note: the weight of a partially empty or discharged pump cannot be used to determine the quantity of drug delivered because the pump imbibes water during operation. Likewise, cutting open a spent pump is not a reliable means of verifying pump performance.

Prior to public release, each lot of ALZET pumps undergoes strict laboratory testing to ensure proper functionality. This lot specific test data (mean release rate and mean fill volume) can be found on the package insert which comes with the pumps. The ALZET Osmotic Pump method of operation is very basic and does not easily lend itself to pumping failure. If the above procedures suggest a non-delivery of your compound, refer to our "[Checklist and Tips for Successful Use of ALZET Osmotic Pumps](#)" web page.

To speak with a technical support representative regarding your specific study, call 800-692-2990 or e-mail us at alzet@direct.com