

### Certificate of Analysis

**Name:** *Clostridium difficile* Toxin B

**Product code:** CDB-TNL-50

**Batch #:** 52690

**Description:** Native toxin B purified from *C. difficile* strain VPI10463 (toxintype 0)

**Amount:** 50µg

**Purity:** >95% pure by SDS-PAGE

**Presentation:** Bubbly/glassy residue due to lyophilisation in 5% sucrose to increase product stability

**Buffer:** Contents when reconstituted in 250µl sterile distilled water will contain: Toxin B at a concentration of 0.2mg/ml in 0.05M HEPES, 0.15M NaCl and 5% sucrose

**Verocytotoxicity assay result:** 2 pg/ml (lowest point at which rounded cells are observed)

#### Usage guidelines

**Storage:** Lyophilised vial: +2°C to +8°C


Reconstituted liquid: +2°C to +8°C

**Stability:** Lyophilised vial: 1 year after date of receipt

Reconstituted liquid: 1 month

**Freezing:** Reconstituted liquid can be frozen at -80°C to extend stability to 1 year; however every freeze/thaw cycle will cause increased aggregation. Avoid multiple freeze/thaw cycles and multiple temperature fluctuations.

**Mixing:** Swirl or pipette gently to mix. Vortexing promotes aggregation.



26-JUN-2018

QC Officer

Date

