

Certificate of Analysis

Name: *Bordetella pertussis* toxin (PT)

Product number: PT-TNF-100

Batch: 17101914

Description: Purified pertussis toxin from *B. pertussis* strain NC10739/ACTC 9797

Purity: >98% pure by SDS-PAGE; migrates as five bands (two doublets) when run under denaturing polyacrylamide SDS-urea gels.

Amount: 0.1 mg

Presentation: Liquid/frozen

Concentration: 0.25 mg/ml

Buffer: 0.05M sodium phosphate and 0.5M sodium chloride at pH 7.2.

Short term use: Stable as a liquid at room temperature for at least 2 months.

Long term use: Aliquot and store at -20°C to -80°C. Do not freeze thaw multiple times. When thawing, swirl tube gently for 1 minute to fully redissolve.

 07-MAR-18

QC Officer

Date