

Certificate of Analysis

Name: Diphtheria Toxoid (Frozen)

Product Code: NAT41609-100 / NAT41609-1000

Batch #:

Date of Manufacture:

Product Description: Diphtheria toxoid is a formaldehyde-inactivated toxin purified from *Corynebacterium diphtheriae*.

Strain/Isolate: NCTC 10648

Health and Safety: This product is essentially nontoxic as tested by cytotoxicity assay. However, it should be handled with appropriate safety precautions for biological materials. Local biosafety procedures should be maintained at all times.

Amount: 0.1 mg / 1.0 mg

Concentration: 1.0 mg/ml

Purity: >98% pure by SDS-PAGE; one major band at 58kDa corresponding to intact toxin when run under reducing conditions on SDS-PAGE.

Presentation: Liquid

Buffer: 0.01 M Tris pH 7.5 and 0.001 M Na₂EDTA

CHO cytotoxicity assay: No cell rounding observed.

Sterility: Product has been 0.22µm filtered.

Number of colonies on Tryptone Soya Agar plates (undiluted product): 0

Endotoxin Level: <1.0 EU/ml

Usage Guidelines

Short Term Storage: 1 week at +4°C

Long Term Storage: -80°C

General: Avoid multiple freeze-thaws.

Stability: 1 week at +4°C. 1 week at Room Temperature.



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QC

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Products are for Research Use or for Further Manufacturing Use only. Not for Diagnostic or Therapeutic Use.