



Certificate of Analysis

Toxin B/TcdB Protein, *C. difficile* (His)

Cat. No.:	HY-P79219
Batch No.:	278847
Species:	Others
Source:	<i>E. coli</i>
Tag:	C-6*His
Accession:	P18177 (M1-L543)
Gene ID:	4914074
Molecular Weight:	approximately 65 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to hydrolyze UDP-Glucose. The specific activity is 33.1357 pmol/min/μg, as measured under the described conditions.	33.1357 pmol/min/μg
Appearance	Solution.	
Concentration	0.276 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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