



# Certificate of Analysis

## Heparinase III Protein, *P. heparinus* (His)

Cat. No.:	HY-P79211
Batch No.:	259978
Species:	Others
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	AAB18278 (Q25-P659)
Gene ID:	8254931
Molecular Weight:	Approximately 74 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to liberate oligosaccharides from heparin. Which can be measured by absorbance at 232 nm. The specific activity is 432.279935 pmol/min/μg, as measured under the described conditions.	PASS
Appearance	Solution.	
Concentration	0.50 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA