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www.worthington-biochem.com

Certificate of Analysis

Product Hyaluronidase, Purified

Source Bovine Testes

Country of
Manufacture USA

 All products from animal sources are produced from starting material of USDA-approved origin, collected in United States Department of Agriculture (USDA) or equivalent approved facilities, inspected to be free of disease and suitable for exportation. Certificates of Origin are available upon request.

Storage Store at -20°C.

Code HSEP

Lot Number

Re-Assay Date

Description Chromatographically purified. A dialyzed, lyophilized powder.

Unit Definition One Unit is based on the change in absorbency (turbidity) at 540nm of an internal standard assayed concurrently with each lot. Internal standard replaces USP/NF reference no longer available.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mg dw	8,140	≥3,000 units per mg dry weight
A280nm @ 1 mg/ml	0.76	Report assay value.
SDS PAGE	Satisfactory	Satisfactory

Approved by: Thomas R. Ryan, Quality Control Manager (signature on file)

Date: 5/15/18