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Certificate of Analysis

Product Nuclease, Micrococcal
Source Staphylococcus aureus (Strain ATCC #27735)
Country of Manufacture USA
Storage Store at 2-8°C.
Code NFCP
Lot Number
Re-Assay Date
Description Chromatographically purified to be essentially homogeneous chromatographically and electrophoretically (SDS-PAGE). A lyophilized powder.
Unit Definition One Unit corresponds to a change in optical density of 1.0 at 260 nm in 30 minutes at 37°C, pH 8.0, using DNA as the substrate.

<u>Parameter</u>	<u>Result</u>	<u>Acceptance Criteria</u>
u/mgP	23,345	≥6,000 units per mg protein
u/mg dw	20,310	Report assay value.
% Protein	87%	Report assay value.
Protease	None detected	None detected
SDS gel	Satisfactory	Satisfactory
u/vial, LS004797	16,480	≥15,000 u/vial
u/vial, LS004798	45,620	≥45,000 u/vial

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

Date: 6/24/20