

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	22,705	≥6,000 units per mg protein
u/mg dw	21,116	Report assay value.
% Protein	93%	Report assay value.
Protease	None detected	None detected
SDS gel	Satisfactory	Satisfactory
u/vial, LS004798	80,030	≥45,000 u/vial