

PRODUCT SPECIFICATION

NuCLEANase, tech grade

Art. No.: 20804-1

Recombinant Serratia marcescens endonuclease produced by microbial fermentation with a Bacillus species.

The production strain used in the manufacturing of the product is a Genetically Modified Organism (GMO) of safety level S1. The product is supplied as liquid formulated in potassium phosphate buffer pH 8.0, 50 % (v/v) glycerol.

Parameter	Method	Specification
Activity	c-LEcta SOP-QC-341	≥ 30 MU/L

 $^{^{1}}$ Unit definition: One unit (U) will digest salmon sperm DNA to acid-soluble oligonucleotides equivalent to Δ A260nm of 1.0 in 30 min at pH 8.0 at 37 °C.

Storage: Store at $-20^{\circ}\text{C} \pm 5^{\circ}\text{C}$.

Stability: Stable within specification range for a period of at least 24 months from the date of product release

under proper storage conditions.

BSE / TSE: The manufacturing process is free of raw materials from animal origin.

GMO-Statement: The product is free of the production strain.

Antibiotics: No antibiotics are used in the manufacturing process.

This document is subject to change. The latest version can be provided upon request. Without separate, written agreement between the customer and c-LEcta GmbH, this document does not constitute a representation or warranty of any kind.