

Saltonase

HL-Nuclease

Cat. No. EN32
CoA Version: 3.2019

CERTIFICATE OF ANALYSIS

Product Name:	Saltonase HL-Nuclease
Catalog number:	EN32
Concentration:	≥ 20 U/μl
Unit definition:	One unit (Kunitz) is defined as an increase in absorbance at 260 nm of 1.0 in 30 minutes at 37°C in 50 mM Tris-HCl buffer, pH 8.0 (25°C) supplemented with 5 mM MgCl ₂ , 0.1 mg/ml BSA and 0.5 mg/ml herring sperm DNA as a substrate.
LOT number:	JBE645975
Expiry Date:	11.2021
Storage conditions:	-20°C in the freezer without a defrost cycle. For long-term storage place at -80°C freezer
Storage Buffer:	20 mM Tris-HCl (pH 7.5); 500 mM NaCl; 5 mM MgCl ₂ ; 50% (v/v) glycerol
Shipping conditions:	Shipping on blue or dry ice
Specification Version:	PS-EN32-2.2019

QUALITY CONTROL

Parameter	Specification	Analysis
Activity	≥ 20 U/ μ l (Kunitz)	20.48 U/ μ l (Kunitz)
Purity by SDS-PAGE Electrophoresis ¹	> 90%	Pass
Protease activity ²	None detected	Pass

¹ The purity is > 90% as evaluated by SDS-PAGE electrophoresis.

² Protease activity is judged by incubation of 1 μ g of BSA with 100 U of enzyme for 20 hours at 37°C. Results are visualized on an polyacrylamide gel. No detectable degradation of the protein mixture as determined by SDS-PAGE with Coomassie Blue detection.

This product has been tested and shown to be in compliance with all specifications.

Quality authorized by: **Justyna Leibner-Ciszak**

Date: **14.02.2020**

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PRODUCT USE LIMITATION

This product of Blirt S.A. has been developed for research purposes only and it is not suitable for human and animal therapeutic or diagnostic use.

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