

Certificate of Analysis

Issued August 2026

Product Name	SEQURNA® Thermostable RNase Inhibitor
Product Number	SQ-RIT-015, SQ-RIT-045
Product Lot Number	26071
Product Composition	Proprietary synthetic RNase inhibitor mix in nuclease free water. 50 mass units/μl, 150 μl solution per vial. SQ-RIT-015 contains one vial and SQ-RIT-045 three vials.
Supplier	Genovis AB, Sweden.
Storage Temperature	15-30°C.

TEST	SPECIFICATIONS	RESULTS LOT
Appearance	Clear colourless solution.	Pass
cDNA yield from human cell line	The yield and quality of cDNA from lysed HEK cells using a modified version of Smart-seq2 full-length cDNA synthesis with low-cycle amplification and SEQURNA in the lysis buffer are improved or on par with to the original protocol using a recombinant inhibitor.	Pass
Template contamination control	No amplicon was produced without an RNA template when using Smart-seq2 and high-cycle amplification.	Pass
Activity	5 mass units/μl inhibits 0.1 pg RNase A or RNase B in a 10 μl reaction (200 ng ssRNA) by ≥ 50% when incubated at 37°C for 1 hour.	Pass
Expiry	July 2028.	



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