

CERTIFICATE OF ANALYSIS

B14 Bovine Serum Albumin (BSA) 20mg/ml

Packaging Lot: 01042934

Expiry Date: 31.01.2025 (DD.MM.YYYY)

Storage: at -20±5°C

Filling lots for components in package:

Lot	Quantity	Description
01025674	5 mg	Bovine Serum Albumin 20mg/ml

QUALITY CONTROL

Parameter	Method	Requirement	Result
Total protein concentration	Modified Lowry assay.	20.0 mg/ml±10%	Conforms
Endodeoxyribonucleases (nicking activity)	Incubation of supercoiled plasmid DNA with BSA.	Not detectable	Conforms
Ribonucleases	Incubation of [3H]-RNA with BSA.	Not detectable	Conforms
Proteases	Incubation of FTC-casein with BSA.	Not detectable	Conforms
Endo-, exonucleases and phosphatases	Incubation of single stranded and double stranded radiolabeled oligonucleotides after incubation with BSA.	Not detectable	Conforms
Bovine DNA	Quantitative PCR test, which uses amplification of bovine DNA.	Not detectable	Conforms
Functional testing	PCR with Pfu DNA polymerase in the presence of BSA.	Conforms	Conforms

ISO CERTIFICATION

Manufactured by Thermo Fisher Scientific Baltics UAB, in compliance with ISO 9001 and ISO 13485 certified quality management system.

Quality authorized by QC: **J. Žiliinskienė**

