

CERTIFICATE OF ANALYSIS

SERVA Proteome Markers

Cat.No. : 39220
Contr.No. : P080143

SERVA Proteome Markers contains following Markerproteins:

Protein	Source	pI (8M Urea)*	M _r (SDS PAGE)*
Cytochrome C	horse, heart	9.8	12.400
Myoglobin	horse, muscle	7.3, 7.5, 7.8	17.800
β-Lactoglobulin	bovine, milk	5.5	18.400
Glucose-1-Dehydrogenase	Bac. megaterium	5.4	28.250 (4 subunits)
Lipase	Burkholderia plantarii	7.2	33.000
Catalase	bovine, liver	7.3	58.000
Albumin	bovine, blood	6.3 – 6.5	67.000
Glucose Oxidase	Aspergillus niger	5.5	77.000

* measured pI and MW values can vary dependent on gel system and experiment guidance

Parameter	Method	Specification	Result
Appearance		lyophil.	corresponds
Assay	spot identification Maldi/TOF-Nano LC ESI	corresponds	corresponds
Content (mg)	amino acid assay	0.1 ± 0.02	corresponds
Minimum shelf life			08.05.2024
Storage (°C)			-15 to -25

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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Dr. Judith Koch

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