

Product	Albumin Fraction V (pH 7.0) for molecular biology
Brand	GeneON-Bioscience
Product number	CE100 ff.
Synonym(s)	BSA, Bovine Serum Albumin
Molecular weight	approx. 68000 g/mol
CAS number	9048-46-8
Storage	2-8°C
Retest period (months)	36
The products have undergone a heat treatment at a temperature of greater than 65°C for at least three hours and change in pH of less than 5 for more than two hours, followed by a negative PCR test for Bluetongue virus and Vesicular stomatitis virus.	
Parameter	Specification
Assay (HPLC)	min. 98 %
Appearance	whitish-beige coarse powder or scales
pH (2 % in water, 20°C)	6.6 - 7.5
Solubility (2 % in water)	soluble
Nitrogen	min. 14.0 %
Fat (Soxhlet)	max. 1.0 %
Loss on drying (105°C; 4h)	max. 6 %
Sulfated ash	max. 3 %
Microbiology:	
Total bacterial count	max. 1000 / g
Salmonella	negative in 25 g
E. coli	negative in 0.5 g
Ludwigshafen	01.June 2022