

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>Albumin Fraction V (pH 7.0) for molecular biology</b>
<b>Brand</b>	BioFroxx
<b>Product number</b>	1126
<b>Synonym(s)</b>	BSA, Bovine Serum Albumin
<b>Molecular weight</b>	approx. 68000 g/mol
<b>CAS number</b>	9048-46-8
<b>Storage</b>	2-8°C
<b>Retest period (months)</b>	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.	
<b>Parameter</b>	<b>Specification</b>
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 %
<b>Microbiology:</b>	
Total bacterial count	max. 1000 / g
Salmonella	negative in 25 g
E. coli	negative in 0.5 g

Einhausen, 26.02.2020