

**neoFroxx GmbH**

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## Specification

<b>Product</b>	<b>Ammonium persulfate for molecular biology</b>
<b>Brand</b>	BioFroxx

Product number	1610
Synonym(s)	Peroxidisulfuric acid diammonium salt, Ammonium peroxodisulfate
Formula	$(\text{NH}_4)_2\text{S}_2\text{O}_8$
Molecular weight	228.20 g/mol
CAS number	7727-54-0
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Appearance	white to off-white crystalline powder
DNases/RNases/Proteases	not detectable
Assay (titr.)	min. 98 %
Free acid	max. 0.1 %
Residue on ignition	max. 0.05 %
pH (5 % in water; 20°C)	3.0 - 4.0
Chlorate	max. 0.001 %
Chloride	max. 0.001 %
Fe	max. 0.001 %
Mn	max. 0.00005 %
Pb	max. 0.005 %

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