

## neoFroxx GmbH

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## Specification

Product	Ammonium persulfate (APS) for molecular biology
Product number	1610
Synonyms	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
Assay (titr.)	>= 98 %
Appearance	white to off-white crystalline powder
DNases/RNases/Proteases	not detectable
Free acid	<= 0.1 %
Residue on ignition (Ash)	<= 0.05 %
pH (5% in water, 20°C)	3 - 4
Chlorate	<= 0.001 %
Chloride (Cl)	<= 0.001 %
Iron (Fe)	<= 0.001 %
Manganese (Mn)	<= 0.00005 %
Lead (Pb)	<= 0.005 %

Einhausen, 18.06.2024