

## neoFroxx GmbH

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## Specification

Product	Ammonium sulfate for molecular biology
Product number	1333
Synonyms	Diammonium sulfate, Sulfuric acid diammonium salt
Formula	$(\text{NH}_4)_2\text{SO}_4$
Molecular weight	132.14 g/mol
CAS number	7783-20-2
Storage	below 25°C
Retest period (months)	60

Parameter	Specification
Assay (titr.)	>= 99.5 %
DNases/RNases/Proteases	not detectable
pH (5% in water, 20°C)	5 - 6
Chloride (Cl)	<= 0.001 %
Nitrate (NO <sub>3</sub> )	<= 0.001 %
Phosphate (PO <sub>4</sub> )	<= 0.0005 %
Arsenic (As)	<= 0.0001 %
Calcium (Ca)	<= 0.001 %
Copper (Cu)	<= 0.0005 %
Iron (Fe)	<= 0.0005 %
Potassium (K)	<= 0.002 %
Magnesium (Mg)	<= 0.0005 %
Sodium (Na)	<= 0.002 %
Lead (Pb)	<= 0.0005 %
Zinc (Zn)	<= 0.0002 %

Einhausen, 14.01.2025