



SPECIFICATION SHEET

Product Name	:	Ammonium sulfate, ACS, ISO, Reag. Ph Eur
Product Number	:	903.056
Brand	:	ISOLAB
CAS Number	:	7783-20-2
Formula	:	H ₈ N ₂ O ₄ S
Formula Weight	:	132.14 g/mol

TEST NAME	SPECIFICATION	UNIT
Assay (alkalimetric)	≥ 99.5 %	%
Insoluble matter	≤ 0.001 %	%
pH-value (5 %, water, 25°C)	5.0 - 6.0	
Chloride (Cl)	≤ 0.0003 %	%
Nitrate (NO ₃)	≤ 0.001 %	%
Phosphate (PO ₄)	≤ 0.0005 %	%
Heavy metals (as Pb)	≤ 0.0005 %	%
Al (Aluminium)	≤ 0.000075 %	%
As (Arsenic)	≤ 0.00002 %	%
Ca (Calcium)	≤ 0.001 %	%
Cd (Cadmium)	≤ 0.0001 %	%
Cr (Chromium)	≤ 0.000075 %	%
Cu (Copper)	≤ 0.0002 %	%
Fe (Iron)	≤ 0.0002 %	%
Mg (Magnesium)	≤ 0.0005 %	%
Pb (Lead)	≤ 0.0002 %	%
Zn (Zinc)	≤ 0.0001 %	%
Residue on ignition (as sulphate)	≤ 0.005 %	%
Loss on Drying (105°C)	≤ 0.1 %	%

Quality Management
Isolab Laborgerate GmbH

