Specification

1.01188.0000 Ammonium nitrate for analysis EMSURE® ACS

	Spec. Values	
Assay (alkalimetric)	≥ 95.0	%
Insoluble matter	≤ 0.005	%
pH-value (5 %; water, 25 °C)	4.5 - 6.0	
Chloride (Cl)	≤ 0.0003	%
Nitrite (NO_2)	≤ 0.0005	%
Nitrite (NO_2)	passes test	
Phosphate (PO_4)	≤ 0.0005	%
Sulfate (SO_4)	≤ 0.002	%
Ca (Calcium)	≤ 0.003	%
Fe (Iron)	≤ 0.0002	%
Heavy metals (ACS)	≤ 0.0005	%
Residue on ignition (as sulfate)	≤ 0.01	%

The following parameter from a double TOC determination of one batch:
Combustible matter, including organic components (as carbon) ≤ 0.2 %
(meets the specified value)
In accordance with class 5.1 UN 1942.

Corresponds to ACS

Kristin Starke
Responsible laboratory manager quality control

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