



**TECHNICAL DATA SHEET(TDS)**  
Ammonium Nitrate Crystal ACS Grade  
Product Specifications (CAS# 6484-52-2)

Test	Specification	Typical Results
Assay	Min. 95.0%	99.8
pH of a 5% at 25°C	4.5 - 6.0	4.9
Insoluble matter	Max. 0.005%	0.003
Residue after ignition	Max. 0.01%	0.008
Chloride (Cl)	Max. 0.0005%	<0.0005 %
Nitrite (NO <sub>2</sub> )	Passes test	Passes test
Phosphate (PO <sub>4</sub> )	Max. 0.0005%	<0.0005 %
Sulfate (SO <sub>4</sub> )	Max. 0.002%	<0.002 %
Heavy metals (as Pb)	Max. 0.0005%	<0.0005 %
Iron (Fe)	Max. 0.0002%	<0.0002 %

Appropriate/legal use of this product is the responsibility of the user.

[Ammonium Nitrate Crystal ACS Grade](#)

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