

PRODUCT SPECIFICATION

AMMONIUM NITRATE MEDICAL GRADE NH_4NO_3

#	TEST	UNIT	ACCEPTANCE
1	Ammonium Nitrate	%	Min 99.99
2	Nitrogen Content	%	Min 34.99
3	PH (Solution 10% w/v)	%	5 - 6
4	Free NH_3	%	About 0.005
5	Humidity (H_2O Content)	%	0.1 – 0.2
6	Ash	%	Below 0.002
7	Insoluble in water	%	Below 0.002
8	Iron (Fe)	%	Below 0.0001
9	Chloride (Cl)	%	Below 0.0002
10	Organic matter (calculated as carbon)	%	Below 0.001
11	Screen analysis (standard values)		
11.1	Over 3.15 mm	%	0.4
11.2	2 – 3.15 mm	%	19
11.3	1 – 2 mm	%	80
11.4	0.5 – 1 mm	%	0.5
11.5	Below 0.5 mm	%	0.1

Shelf life: 6 months

IMCO Class: 5.1 UN No: 1942