

PRODUCT SPECIFICATION

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Catalog : A1215

Ammonium Nitrate, Granular, Reagent, ACS

CAS# : 6484-52-2

Formula : NH₄NO₃

Formula Weight : 80.04

Test

Limit
Min. Max.

Test	Limit Min. Max.
ASSAY (NH ₄ NO ₃)	95.0 % --
pH OF A 5% SOLUTION @ 25[dC	4.5- 6.0
INSOLUBLE MATTER	-- 0.005 %
RESIDUE AFTER IGNITION	-- 0.01 %
CHLORIDE (Cl)	-- 5 ppm (about 5 ppm)
NITRITE (NO ₂)	TO PASS TEST (limit about 5 ppm)
PHOSPHATE (PO ₄)	-- 5 PPM
SULFATE	-- 0.002 %
HEAVY METALS (as Pb)	-- 5 PPM
IRON (Fe)	-- 2 PPM