

240- AMMONIUM CARBONATE, EXTRA PURE

Ref No: TBL/QA/SS/LC/240	STANDARD SPECIFICATION FOR AMMONIUM CARBONATE, EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 01/11/2024
Issue Date: 02/11/2021		Product code: 240

PRODUCT PROPERTIES

C.A.S Number	506-87-6
Chemical Formula	(NH ₄) ₂ CO ₃
Formula weight	96.09
Functional Uses	Ammonium carbonate has been used as a reducing agent in the preparation of an iron-catalyst for supercritical Fischer Tropsch synthesis (SC-FTS). It may also be used in the hydrometallurgical extraction of zinc, copper and nickel.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT - 0.005%
Sulphate (SO ₄)	NMT - 0.005%
Lead (Pb)	NMT - 0.005%
Iron (Fe)	NMT - 0.005%
Calcium (Ca)	NMT - 0.005%
Assay (NH ₃)	30 - 33%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

