

CM 23,406 – AMMONIUM BICARBONATE, AR GRADE

PRODUCT PROPERTIES

C.A.S Number	1066-33-7
Chemical Formula	CH ₅ NO ₃
Formula weight	79.056
Functional Uses	Ammonium bicarbonate (AMBIC) was used in the following studies: To derivatize histone proteins from human monocyte-derived macrophages (MDM) by propionylation. Destaining of silver-stained proteins in polyacrylamide gel bands during the peptide mass profiling using a mass spectrometer.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder or crystals.
Solubility	Clear colourless Solution

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Sulphate (SO ₄)	NMT – 0.005%
Chloride (Cl)	NMT – 0.001%
Iron (Fe)	NMT – 0.0005%
Lead (Pb)	NMT – 0.0001%
Assay	NLT - 99.0 %

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

