

Ammonium Bicarbonate

(Food Grade)

Technical Data Sheet

Product Name	Ammonium Bicarbonate (E-503)		
Manufacturer	Fajr Parsian Chemical Industries (DAIMO)		
CAS Numbers	1066-33-7		
Chemical formula	NH ₄ HCO ₃		
Molecular Formula	79.056 g/mole		
Odor	Mild ammonia		
Appearance	White crystalline powder		
Parameter	unit	Result	Standard (INSO 4313)
Purity (NH ₄ CO ₃)	Wt.%	99.62	≥99
Chloride (as Cl)	%	< 0.003	≤ 0.003
Non-Volatile substances	%	0.02	< 0.05
Sulfate	ppm	< 70	≤70
Sulfite	-	Pass the Test	-
Arsenic (as As)	ppm	< 0.005	< 2
Lead (as Pb)	ppm	< 0.01	< 10

Packing and Delivery: In 25kg OPP bag (with inner nylon bag)

Storage: Store in cool and dry place

Shelf Life: 2 Years

Technical Manager:

Signature:

Date: