

# Rashtriya Chemicals & Fertilizers Ltd

Trombay Unit, Mumbai - 400 074

## CENTRAL CHEMICAL LABORATORY

### ANALYTICAL REPORT

Source	ABC Plant, RCF Ltd, Chembur			
Description of Sample	Ammonium Bi-Carbonate (ABC) Sample			
<b>Chemical Composition</b>	<b>Unit</b>	<b>Requirements IS:2697-1976/R 2008</b>	<b>I</b>	<b>II</b>
1. Purity as Ammonium Bi-Carbonate by mass	%	98.00 min	99.18	99.07
2. Iron as Fe by mass	%	0.004 max	0.0003	0.0004
3. Non Volatile Matter by mass	%	0.10 max	ND < 0.01	ND < 0.01
4. Chloride as Cl by mass	%	0.10 max	ND < 0.01	ND < 0.01
5. Sulphate as SO <sub>4</sub> by mass	%	0.10 max	ND < 0.01	ND < 0.01
6. Heavy Metal as Lead	ppm	2.50 max	ND < 0.5	ND < 0.5
7. Copper as Cu	ppm	5.00 max	ND < 1.0	ND < 1.0
8. Arsenic as As	ppm	0.60 max	ND < 0.2	ND < 0.2
9. Tarry Matter	~	Passes the test	Passes the test	Passes the test
<b>Remarks :-</b> Sample conform to IS:2697-1976/R 2008 Specification for Ammonium Bicarbonate for Food Industry w.r. to above tests. <b>Remark :-</b> ND :- Not Detectable				
<b>Copy To :-</b> 1. OM (ABC Plant) 2. C.M. IPD 3. O.C.				
Chief Manager C.C.Lab.				