



EPOCH MASTER GLOBAL BUSINESS(JIANGSU) INC.

RM.3-93,TENGFEI BUILDING,NO.88 JIANGMIAO RD., RESEARCH AND INNOVATION PARK,
NANJING ZONE,(JIANGSU) PILOT FREE TRADE ZONE ,CHINA.

Technical Data Sheet

Ammonium Bicarbonate (Food grade)

Product Information

| | |
|-------------------|----------------------------------|
| Chemical Name | Ammonium Hydrogen Carbonate |
| Commodity Name | Ammonium Bicarbonate, ABC |
| Category | Food additives (Leavening agent) |
| Molecular formula | NH ₄ HCO ₃ |
| Molecular wt. | 79.06 |
| H.S.Code | 2836994000 |
| CAS No. | 1066-33-7 |

| Technical Specification | Testing method | BASF | Main Supplier | Backup Supplier |
|----------------------------------|----------------|----------|--------------------------------------|-----------------|
| Appearance | By visual | / | White crystalline powder or granules | |
| Smell | / | / | Slight Ammonia | / |
| NH ₄ HCO ₃ | FCC | 99.3 min | 99.2 min | 99.2 min |
| NH ₃ | Calculated | 21.1 min | / | / |
| CO ₂ | Calculated | 55.0 min | / | / |
| Chloride by ppm | FCC | 30 max | 30 max | / |
| Sulphate by ppm | FCC | 30 max | 70 max | 70 max |
| Sulfide (S) | | / | / | 2 max |
| Non volatile res. By ppm | FCC | 5500 max | 500 max | 80 max |
| Heavy metals (Pb) by ppm | FCC | 3 max | / | 5 max |
| Fe by ppm | ICP-OES | 3 max | / | 20 max |
| As by ppm | ICP-OES | 1 | 2 max | 2 max |
| Pb by ppm | ICP-OES | 1 | 2 max | / |
| Hg by ppm | ICP-OES | 0.1 | / | / |
| Cd by ppm | ICP-OES | 1 | / | / |
| Moisture | GB | / | 0.4 max | / |

Packing & Loading Information

| | |
|------------|---|
| Packing | 25kg PP bag with PE liner |
| Loading | 25kg bags only: 27mt/20fcl, 25kg bags only:25mt/20fcl |
| Shelf Life | 2 years under proper storage condition |

* Proper Storage condition: Keep container tightly closed. Keep container in a cool, well-ventilated area.