

SYSTEM

CERTIFICATE OF ANALYSIS

PRODUCT NAME : Ammonium Chloride, *ChemAR*
CATALOGUE NUMBER : AM200-90
FORMULA : NH_4Cl
MOLECULAR WEIGHT : 53.49
CAS. NUMBER : [12125-02-9]
BATCH NO. : 170103VEU
EXPIRY DATE : Jan./2021

| | <u>Specification</u> | <u>Batch Value</u> | |
|----------------------------|-----------------------------|---------------------------|---|
| Assay(argentometric) | min.99.8 % | 99.9 | % |
| PH{5% solution(20°C)} | 4.5-----5.5 | pass | |
| Sulfate(SO_4) | max.0.002 % | <0.002 | % |
| Nitrate(NO_3) | max.0.0005 % | <0.0005 | % |
| Phosphate(PO_4) | max.0.0002 % | <0.0002 | % |
| Iron(Fe) | max.0.0002 % | <0.0002 | % |
| Heavy metal(as Pb) | max.0.0005 % | <0.0005 | % |
| Calcium(Ca) | max.0.0005 % | <0.0005 | % |
| Magnesium(Mg) | max.0.0005 % | <0.0005 | % |
| Sodium(Na) | max.0.005 % | <0.005 | % |
| Potassium(K) | max.0.005 % | <0.005 | % |
| Lead(Pb) | max.0.0001 % | <0.0001 | % |
| Copper(Cu) | max.0.0002 % | <0.0002 | % |
| Zinc(Zn) | max.0.0002 % | <0.0002 | % |
| Nickel(Ni) | max.0.0001 % | <0.0001 | % |

This document has been produced electronically and is valid without a signature.