

056 – AMMONIUM FORMATE EXTRA PURE

| | | |
|--------------------------|---|-------------------------|
| REF NO: TBL/QA/SS/LC/056 | STANDARD SPECIFICATION FOR AMMONIUM FORMATE AR GRADE | Rev. No: 03 |
| Issue No: 04 | | Review Date: 28/10/2024 |
| Issue Date: 29/10/2021 | | Product code: 056 |

PRODUCT PROPERTIES

| | |
|---------------------------|--|
| C.A.S Number | 540-69-2 |
| Chemical Formula | CH ₅ NO ₂ |
| Formula weight | 63.06 |
| Functional Uses | Ammonium formate has been used as buffer solution during LC-MS/MS analysis for screening of drugs and exogenous compounds. It may be used as a catalytic hydrogen transfer agent in reduction of aliphatic and aromatic nitro compounds. |
| Standard Packaging | 500gm |

PHYSICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-------------------|-----------------------------------|
| Appearance | A colorless deliquescent crystals |
| Solubility | 10% solution in water is clear. |

CHEMICAL PARAMETERS

| PRODUCT PARAMETER | SPECIFICATION |
|-----------------------------|---------------|
| pH | 6.0 – 7.0 |
| Non-volatile matter. | NMT – 0.01% |
| Chloride (Cl) | NMT - 0.001% |
| Sulphate (SO ₄) | NMT - 0.005% |
| Copper (Cu) | NMT - 0.0001% |
| Iron (Fe) | NMT - 0.0005% |
| Lead (Pb) | NMT - 0.0001% |
| Assay | NLT - 97.5% |

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

