

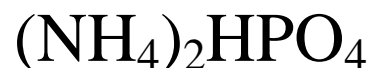
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| Department: Quality Control | Document No: LCPL/QSD/QAD/11 | SOP No.: DB/SOP/QC/11-A021 |
|------------------------------------|-------------------------------------|-----------------------------------|

SPECIFICATION : AMMONIUM PHOSPHATE MONOBASIC AR

| | | | | | |
|---------------------|------------|--------------------|------------|-----------------|----------|
| Issue date | 15/05/2018 | Review date | 14/05/2023 | Location | Dobaspet |
| Version No.: | 00 | Supersedes | -- | Page No | 1 of 1 |

PRODUCT DETAILS

| | | | |
|---|---------------------|--|--|
| 1 | Molecular Formula | NH ₄ H ₂ PO ₄ | |
| 2 | Product code | A021 | |
| 3 | Molecular weight | 115.03 | |
| 4 | CAS No | 7722-76-1 | |
| 5 | Risk Statement No | ---- | |
| 6 | Safety Statement No | 24/35 | |
| 7 | UN No. | --- | |



PACKING DETAILS

| | | | |
|---|--------------|-----------|--|
| | Product code | Pack size | |
| 1 | A02110 | 500 g | |
| 2 | A02113 | 5.0 Kg | |

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

| | | |
|----|-----------------------------|--|
| 1 | Description | Colourless crystals or white crystalline powder. |
| 2 | Clarity | 10% solution in water is clear and colourless. |
| 3 | Assay | Not less than 99.0% |
| 4 | pH (5% aqueous solution) | Between 4.0 and 4.5 |
| 5 | Water insoluble matter | Not more than 0.005% |
| 6 | Chloride (Cl) | Not more than 0.0005% |
| 7 | Nitrate (NO ₃) | Not more than 0.001% |
| 8 | Sulphate (SO ₄) | Not more than 0.005% |
| 9 | Arsenic (As) | Not more than 0.00005% |
| 10 | Heavy metals (as Pb) | Not more than 0.0005% |
| 11 | Iron (Fe) | Not more than 0.001% |
| 12 | Potassium (K) | Not more than 0.003% |
| 13 | Sodium (Na) | Not more than 0.005% |

SAFETY SYMBOLS