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## Typical Product Specifications & Properties

# Ammonium Phosphate

CAS Number: : 7722-76-1

| Specifications           | Limits                                       |
|--------------------------|--|
| Density                  | 1.803  |
| Practically Insoluble    | in acetone                                   |
| Slightly Soluble         | in alcohol                                   |
| Cl                       | 50 ppm Max                                   |
| HM                       | 5 ppm mAX                                    |
| P2O5                     | 60.5 % Min                                   |
| pH of 10% water solution | (In Water) : 4.6(+)-0.2                      |
| Moisture(105°C, 2h)      | 0.2 %  |
| Particle Distribution    | 1.0 mm — 2 mm = 13 %<br>0.5 mm — 1 mm = 72 % |
| SO4                      | 0.1 % Max                                    |
| Fe                       | 10 ppm Max                                   |
| NH3                      | 14 % Min                                     |



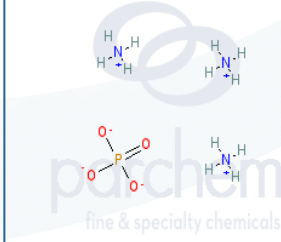
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| Specifications     | Limits  |
|--------------------|---|
| Arsenic PPM        | 3 ppm Max   |
| Sensoric           | White, Fine Crystalline powder  |
| pH                 | 4.5 (1, 20 c)   |
| Melting Point      | 190 c   |
| Odor               | brilliant wh. cryst. or powd., odorless   |
| Molecular weight   | 115.04  |
| Chemical Structure |  |



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