



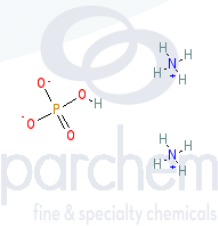
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Typical Product Specifications & Properties

Diammonium Phosphate

CAS Number: : 18-46-0

Specifications	Limits
Assay	98.5 min.
Appearance	Coloreless crystal
Nitrogen	21.0% min.
Water	0.1% max.
P205	53.0% min.
Ph (1% of the solution)	7.8 - 8
Water Solubles	0.1% max.
Chemical Structure	 The chemical structure of Diammonium Phosphate (DAP) is shown. It consists of two ammonium cations (NH₄⁺) and one phosphate anion (PO₄³⁻). The ammonium ions are represented as nitrogen atoms bonded to four hydrogen atoms, and the phosphate ion is represented as a phosphorus atom bonded to four oxygen atoms, one of which is double-bonded and the other three are single-bonded with a negative charge.



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