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Typical Product Specifications & Properties

Ammonium Phosphate dibasic

CAS Number: : 7783-28-0

Specifications	Limits
Density	1.619
Practically Insoluble	in alcohol, acetone
Total Phytosterols	53.4% min.
Arsenic PPM	2% mg/kg max
Copper	1% mg/kg max
Bulk Density	(g/l) 900kg/mg
Total (NH ₄) ₂ HPO ₄	98% min
Lead	2% mg/kg max
Zinc	1% mg/kg max
Cadmium	1 mg/kg max
Flouride	10 mg/kg max
Heavy Metals; USP <231>	80 aspb 10 mg/kg max



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Specifications	Limits
Mercury	1 mg/kg max
Water Insolubles, wt%	0.02 % maximum
P2O5	(Theoretical Content) 53.74%
pH (1 in 20 aqueous solution)	(1% solution) 7.7-8.3
Sensoric	White Crystals
Molecular Weight (theoretical)	132
Total Nitrogen (N) Ammoniacal	21% min
Chlorides	20 mg/kg max
Nitrogen	(Theoretical content) 21.21%
pH	8 (1)
Odor	wh. cryst. or powd., odorless, cooling salty taste
Melting Point	155 c (dec.)



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Specifications	Limits
Molecular weight	132.07
Solubility	1.7 ml in water



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