



Diammonium Phosphate (DAP) Technical Grade

SPECIFICATION DATASHEET			
Test	Units	Specification	Typical
Main Content (as $(\text{NH}_4)_2\text{HPO}_4$)	%	≥ 99.0	99.73
Phosphorus Pentoxide (as P_2O_5)	%	≥ 53.0	53.57
Total Nitrogen (N)	%	≥ 20.8	21.08
Moisture	%	≤ 0.2	0.08
Water Insoluble	%	≤ 0.1	0.006
Flouride (as F)	mg/kg	≤ 50	9
Arsenic (As)	mg/kg	≤ 3	<1
Heavy Metal (as Pb)	mg/kg	≤ 10	<6
Lead (as Pb)	mg/kg	≤ 4	1
pH Value (10g/l solution)	-	7.6 – 8.2	8.06
Chloride (Cl)	mg/kg	≤ 10	<8
Sulfate (SO_4)	mg/kg	≤ 100	36
Iron (as Fe)	mg/kg	≤ 30	7
Particle Size (20 – 60 mesh)	%	≥ 75	92.3
Particle Size (+20 mesh)	%	-	2.1
Particle size (-60mesh)	%	-	5.6