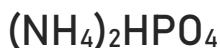


Diammonium hydrogen phosphate (DAP) – TG



DESCRIPTION

General Description		Origin
Diammonium hydrogen phosphate (DAP) – Tech Grade		China
Grade	E number	Formula
Tech grade		$(NH_4)_2HPO_4$
Molecular weight	EINECS	CAS number
132.06	231-987-8	7783-28-0

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Main content $[(NH_4)_2HPO_4]$	w/%	≥ 99	99.79
Phosphorus pentoxide (P2O5)	w/%	≥ 53.0	53.57
Total Nitrogen (N)	w/%	≥ 21.0	21.08
Moisture	w/%	≤ 0.2	0.08
Water insoluble matter	w/%	≤ 0.1	0.006
Fluoride (in terms of F)	mg/kg	≤ 50	9
Arsenic (in terms of As)	mg/kg	≤ 3	< 1
Heavy metals (in terms of Pb)	mg/kg	≤ 10	< 6
Lead (Pb)	mg/kg	≤ 4	1
PH (10g/L aqueous solution)	mg/kg	7.6-8.2	8.06
Chloride (in terms of Cl)	mg/kg	≤ 10	< 8
Sulfate (in terms of SO4)	mg/kg	≤ 100	36
Iron (Fe)	mg/kg	≤ 30	7
Particle size (20 mesh - 60 mesh)	w/%	≥ 75	92.3
Particle size (+20 mesh)	w/%	-	2.1
Particle size (-60 mesh)	w/%	-	5.6

Further specifications are available upon request

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