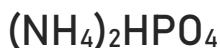


Diammonium hydrogen phosphate (DAP) – FG



DESCRIPTION

General Description		Origin
Diammonium hydrogen phosphate (DAP) – Food Grade		China
Grade	E number	Formula
Food Grade	342(ii)	$(NH_4)_2HPO_4$
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	99.84
Phosphorus pentoxide (P2O5)	w/%	≥ 53.0	53.58
Total Nitrogen (N)	w/%	≥ 21.0	21.06
Moisture	w/%	≤ 0.2	0.09
Water insoluble matter	w/%	≤ 0.1	0.006
Fluoride (in terms of F)	mg/kg	≤ 10	7
Arsenic (in terms of As)	mg/kg	≤ 0.5	0.5
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	24
Iron (Fe)	mg/kg	≤ 30	4
Particle size (20 mesh - 60 mesh)	w/%	≥ 75	93.1
Particle size (+20 mesh)	w/%	-	3.3
Particle size (-60 mesh)	w/%	-	3.6

Further specifications are available upon request

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