

Tripotassium Phosphate Anhydrous (TKP-A) Food Grade



DESCRIPTION

General Description		Origin
Tripotassium Phosphate Anhydrous (TKP-A)		China
Grade	E number	Formula
Food grade	E340 (iii)	K_3PO_4
Molecular weight	EINECS	CAS number
212.27	231-907-1	7778-53-2

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
K ₃ PO ₄	w/%	≥ 98.0	98.3
Assay (P205)	w/%	≥ 32.5	33.5
K ₂ O	w/%	≥ 65.0	66.5
Water Insoluble matter	w/%	≤ 0.20	0.05
PH of 1% Solution	-	11.5-12.5	12.2
Loss on ignition (105°C/4 hrs, 550 °C/30mins)	w/%	≤ 6.0	3.5
Arsenic (as As)	ppm	≤ 3.0	1
Fluoride (As F)	ppm	≤ 10.0	3
Mercury (As Hg)	ppm	≤ 3.0	1
Cadmium (As Cd)	ppm	≤ 3.0	1
Lead (As Pb)	ppm	≤ 3.0	1

Further specifications are available upon request

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