

Tetrasodium Pyrophosphate (TSPP) FG



DESCRIPTION

General Description		Origin
Sodium Tripolyphosphate (STPP) FG		China
Grade	E number	Formula
Food grade	E450(iii)	$\text{Na}_4\text{P}_2\text{O}_7$
Molecular weight	EINECS	CAS number
265.90	231-767-1	7722-88-5

PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Assay	w%	≥ 98.0	98.42
Water insoluble	w%	≤ 0.2	0.02
pH (1% solution)	-	9.9-10.7	10.39
As	mg/kg	≤ 1	1
Heavy metals	mg/kg	≤ 10	10
Lead (as Pb)	mg/kg	≤ 1	1
Fluoride (as F)	mg/kg	≤ 1	6
Orthophosphate		Pass Test	Pass Test
Loss on ignition	w%	≤ 0.50	0.14
Whiteness	%	≥ 90	93.92
Bulk Density	g/cm ³	0.5-0.8	0.71

Further specifications are available upon request

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