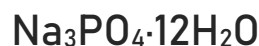


# Trisodium phosphate dodecahydrate (TSP-DO) TG



## DESCRIPTION

General Description		Origin
Trisodium phosphate dodecahydrate (TSP-DO) TG		China
Grade	E number	Formula
Tech grade	-	$\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$
Molecular weight	EINECS	CAS number
380.12	231-509-8	10101-89-0

## PRODUCT CHARACTERISTICS

Physicochemical properties	Unit	Standard	Test Result
Main content ( $\text{Na}_3\text{PO}_4 \cdot 12\text{H}_2\text{O}$ )	%	$\geq 98.0$	98.86
Phosphorus pentoxide	%	$\geq 18.3$	18.9
Sodium oxide, as $\text{Na}_2\text{O}$	%	16-19	17.1
Sulfate, as $\text{SO}_4$	%	$\leq 0.5$	0.34
Water insoluble	%	$\leq 0.10$	0.05
Arsenic (As)	%	$\leq 0.005$	0.003
Fe	%	$\leq 0.01$	0.008
Chloride (as Cl)	%	$\leq 0.4$	0.35
PH value (10g/L solution)	(10g/L solution)	11.5-12.5	12.1

Further specifications are available upon request

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