



BIMEX CORP.

DATA SHEET

TETRASODIUM PYROPHOSPHATE
Granules, Food Grade

Identity Nr. : 008731
Chemical name : Tetrasodium diphosphate, food grade
Chemical formula : $\text{Na}_4\text{P}_2\text{O}_7$
Molecular weight : 266
CAS Nr. : 7722-88-5
EINECS-Nr. : 2317671
E Nr. : E 450 iii
Appearance : compound of white powder and granules

Chemical composition		Typical Analysis	Standard
P ₂ O ₅	%	53.3	min. 52.0
Na ₂ O	%	46.5	~ 42.0
pH (1% solution)		10.5	10.3 ± 0.3
Loss on Ignition	%	0.05	max. 0.5
Insolubles	%	0.05	max. 0.1
As	ppm	< 0.5	max. 1
Pb	ppm	< 0.5	max. 3
F	ppm	3	max. 10
bulk density	g/l	620	550 - 700
Solubility (g/100 g H₂O) :	10° C	5	
	25° C	7	
	50° C	29	

Application:

- as buffer, dispersing agent, protein modifier, auxiliary, sequestering agent in food industry
- in textile industry
- for production of dentifrice
- for water treatment
- for increasing of surface tension and washing power cleaning agents and detergents

Package: 25 kg natron bags on pallets; or according to buyers wishes
Storage: tightly closed in dry, cool place

Shelf life: provided that the recommended storage conditions are maintained shelf life will be indefinite.