



BIMEX CORP.

DATA SHEET

SODIUM TRIPOLYPHOSPHATE - TYPE L
Granulate, Food Grade

Identity Nr. : 008714
Chemical name : Pentasodium tripolyphosphate, food grade
Chemical formula : $\text{Na}_5\text{P}_3\text{O}_{10}$
Molecular weight : 368
CAS Nr. : 7758-29-4
EINECS-Nr. : 2318387
E Nr : E 451 i
Appearance : compound of white powder and granules

Chemical composition		Typical Analysis	Standard
P ₂ O ₅	%	57.5	min. 57.0
Na ₂ O	%	~ 42.5	min. 42.0
pH (1% solution)		9.8	9.8 ± 0,3
Loss on Ignition	%	0.07	max. 0.5
Insolubles	%	0.02	max. 0.1
As	ppm	< 0.5	max. 3
Pb	ppm	< 0.5	max. 5
F	ppm	2	max. 10
Bulk density	g/l	550	500 - 600
Solubility (g/100 g H₂O):	25° C	14,5	

Application:

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

Package: 25 kg natron paper bags on pallets.

Storage: tightly closed in dry, cool place

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