



# SOCIETE CHIMIQUE ALKIMIA

## PRODUCT SPECIFICATIONS

### Sodium Tripolyphosphate, Food Grade

#### DESCRIPTION:

Sodium tripolyphosphate food grade, free from foreign matters, complies with codex alimentarius sanitary specifications for food additives.

Parameters	Unit	Specifications	
Appearance	-	White powder or granules	
Total P <sub>2</sub> O <sub>5</sub>	%	56 min	
Assay (as Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub> )	%	94 min	
pH (1% sol)	-	9.5 – 10.2	
Insoluble matters	%	0.1 max	
Loss on drying (120 °C)	%	0.5 max	
Higher polyphosphates	%	1 max	
Solubility	100 g water @ 20°C	14 g	
Bulk density	g/cm <sup>3</sup>	0.8 – 1.2	
Impurities :			
Pb	ppm	3.0 max	
As		3.0 max	
F		10.0 max	
Cd		1.0 max	
Hg		1.0 max	
<b>Powder</b>		<b>Granular</b>	
On 150 µm	< 15 %	On 1000 µm	< 15 %
Through 53 µm	> 50 %	On 250 µm	> 90 %

Formula	Na <sub>5</sub> P <sub>3</sub> O <sub>10</sub>
Molecular weight	368
E number	E 451
CAS number	7758-29-4
EINECS	231-838-7

#### PACKING:

- Pallet 25/50 Kg bags
- 1000 Kg big bags.

#### STORAGE:

keep in the packaging of origin and store in a cool and dry place.

Better use within two years after production.

#### USES

- Emulsifier, texturizer, buffer, sequestrant, stabilizer
- Meat processing
- Fish and seafood processing
- Other uses

