



Product Information Sheet

Disodium Phosphate, Anhydrous, FCC Grade

Sodium Phosphate, Dibasic

CAS #: 7558-79-4 **Appearance And Odor:** White crystalline solid, odorless
Chemical Formula: Na_2HPO_4 **Molecular Weight:** 141.96

Application:

Stabilization of milk and dairy products during process and shelf life. Prevents color loss during heat treatment. Buffer in food products. Chelating agent. Produces texture in processed cheese. Animal feeding. Kosher and Hallal product.

Chemical Analysis:

Component	Typical	Guaranteed
P2O5	50.1%	49 - 51
Assay (dry) as Na_2HPO_4	98.0 %	98.5 - 100%
Pyrophosphate (as $\text{NA}_4\text{P}_2\text{O}_7$) m/m%	<2.0%	2.0% Max
Fluoride (F) mg/kg %	<10.0	10.0% Max
Arsenic (As) mg/kg %	<0.003%	0.003% Max
Cadmium (Cd) mg/kg %	1.0%	1.0% Max
Heavy metals (as Pb) mg/kg %	<1.0%	1.0 Max
Lead mg/kg %	<1.0%	1.0% Max

Physical Properties:

Component	Typical	Guaranteed
pH: (1% Solution):	9.3%	8.7 - 9.6%
Water Insolubles	0.02% Max	0.2
Bulk Density Tapped	0.7-0.8 g/cm ³	

Packaging:

25 kg (55.1 lb) bags on shrink-wrapped pallets; can be stored in a normal warehouse area.

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