



VINIPUL INORGANICS PVT. LTD.

(Formerly Known as AKASH PUROCHEM PVT. LTD.)

Vinipul Inorganics Pvt Ltd 1/3, Kandhari Colony, 2nd Road,
Chembur (E), Mumbai - 400071, Maharashtra, India
(An ISO 9001:2015 & 14001:2015 Certified Company)

CIN NO: U24200MH1986PTCO41136

Di Sodium Phosphate Anhydrous



Specification No:- VIPL/SPEC/QC/DSP/39/01	CAS No:- 7558-79-4
Molecular formula:- Na ₂ HPO ₄	Mol. Wt.:- 141.96
Grade:- Pure/Anhydrous	Other Name:- DSP (Di-sodium hydrogen phosphate, Sodium phosphate dibasic)

Parameters	Unit	Specified Value
Appearance	Visual observation	A white powder, hygroscopic.
Solubility (10% solution)	% w/v	Clear solution
pH of 5% solution	% w/v	9.0 – 9.5
Assay (LOD basis)	% w/w	99.0% min
Phosphate (as P ₂ O ₅)	% w/w	49.0% min
Chloride (as Cl)	% w/w	0.010% max.
Sulphate (as SO ₄)	% w/w	0.010% max.
Iron (as Fe)	% w/w	0.002% max
Lead (as Pb)	% w/w	0.0005% max
Arsenic (as As)	% w/w	0.0005% max
Loss on drying (at 120°C)	% w/w	1.0 % max

***Storage:-** Store under the roof in well closed bags/container.