

PT. SMART LAB INDONESIA

MANUFACTURER OF ANALYTICAL REAGENTS

F/QCL/009 Rev.02

CERTIFICATE OF ANALYSIS

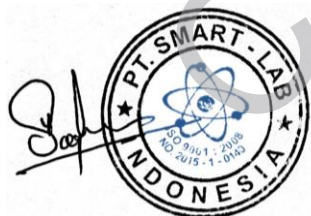
Product Name : Sodium Phosphate Dibasic Anhydrous AR
Mol. Formula : Na_2HPO_4
Mol. Weight : 141.96 g/mol
Catalog No. : A-2143 Batch No. : Sample COA
Cas No : 7558-79-4 Shelf Life : 60 Months

NO.	TESTS	UNITS	SPECIFICATIONS	RESULTS
1.	Appearance	–	White to off White powder or crystalline powder	White crystalline powder
2.	Assay (acidimetric)	wt %	min 99.0	99.998
3.	pH (5% water) at 25 °C	–	8.7 – 9.3	8.907
4.	Insoluble matter	wt %	max 0.01	0.00356
5.	Chloride (Cl)	wt %	max 0.002	0.00068
6.	Sulphate (SO_4)	wt %	max 0.005	0.0037
7.	Heavy metals (as Pb)	wt %	max 0.001	0.00058
8.	Iron (Fe)	wt %	max 0.001	0.000862
9.	Total Nitrogen (N)	wt %	max 0.002	0.0015
10.	Loss on drying at 105 °C	wt %	max 0.2	0.178

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Result: The above product corresponds to AR Grade

Reference or standard of product specification to Analar standard and ACS specification



Yuvraj Sagvekar
Manager QC