



CERTIFICATE OF ANALYSIS

PRODUCT NAME : SODIUM PHOSPHATE DIBASIC ANHYDROUS AR
(Di-Sodium Hydrogen Orthophosphate Anhydrous)

CAS No : 7558-79-4
Mol. Formula : Na_2HPO_4
Mol. WT : 141.96
Date of analysis : 20/08/24

Product code : 26020
Batch No. : MCAR-00505
Mfd. : Aug. 2024
Exp. : July 2029

S.R	Test	Specification	Observation
1	Description	A white powder or crystalline powder or small granular powder.	A white crystalline powder .
2	Assay (after drying)	99.5% w/w min	99.60% w/w
3	pH of solution(0.1M in carbondioxide free water)	9.1-9.3	9.17
4	Water insoluble matter	0.01% max	0.005%
5	Chloride (Cl)	0.002% max	<0.002%
6	Nitrogen compounds (N)	0.002% max	<0.002%
7	Sulphate (SO_4)	0.005% max	<0.005%
8	Copper (Cu)	0.001% max	<0.001%
9	Iron (Fe)	0.001% max	<0.001%
10	Lead (Pb)	0.001% max	<0.001%
11	Potassium (K)	0.01% max	<0.01%
12	Loss on drying (130°C)	0.2% max	0.12%
13	Arsenic(As)	0.0001% max	<0.0001%
14	Calcium (Ca)	0.002% max	<0.002%
15	Magnesium (Mg)	0.002% max	<0.002%
16	Pyrophosphate(Po)	0.2% max	<0.2%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

CHEMIST
(Jyoti)

[QC Incharge]

HEAD-QUALITY ASSURANCE
(G.G.Salian)

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