

# Certificate of Analysis

## Sodium phosphate dibasic ACS reagent, anhydrous, ≥99%

<b>Product Number</b>	PSR42170	<b>CAS No.</b>	7558-79-4
<b>Brand</b>	PureSynth	<b>Lot No.</b>	S42170H0525
<b>Molecular Formula</b>	Na <sub>2</sub> HPO <sub>4</sub>	<b>Date of Mfg.</b>	May,2025
<b>Molecular Weight</b>	141.96 g/mol	<b>Date of Exp.</b>	April,2028

<b>Test</b>	<b>Specification</b>	<b>Result</b>
Appearance	White powder	White powder
Assay (By Titr.)	≥ 99.0 %	99.9 %
Iron (Fe)	NMT 0.002 %	Conforms
Sulphate (SO <sub>4</sub> )	NMT 0.005 %	Conforms
Chloride (Cl)	NMT 0.002 %	Conforms
Water insoluble matter	NMT 0.01 %	Conforms
Heavy metals (As Pb)	NMT 0.001 %	Conforms
Loss on drying (105°C)	NMT 0.2 %	Conforms
pH (5 %, 25 °C)	8.7 - 9.3	8.9

### **Remark:**

This is to certify that the mentioned batch has analyzed at the time of quality release and has been found to be compliance with prescribed specification.

Store at room temperature and keep the container tightly closed.

Head - Technical

*This is electronically-generated copy & is valid without signature*