

## 2000 – PHOSPHOROUS PENTOXIDE, AR GRADE

<b>REF NO:</b> TBL/QA/SS/LC/2000	<b>STANDARD SPECIFICATION FOR PHOSPHOROUS PENTOXIDE, AR GRADE</b>	<b>Rev. No:</b> 03
<b>Issue No:</b> 04		<b>Review Date:</b> 26/10/2024
<b>Issue Date:</b> 27/10/2021		<b>Product code:</b> 2000

### PRODUCT PROPERTIES

<b>C.A.S Number</b>	1314-56-3
<b>Chemical Formula</b>	P <sub>2</sub> O <sub>5</sub>
<b>Formula weight</b>	283.89
<b>Functional Uses</b>	It is used as a dehydrating agent used for halogenation with tetrabutylammonium halides
<b>Standard Packaging</b>	500 gm

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.001%
Heavy metal (Pb)	NMT – 0.0001%
Iron (Fe)	NMT – 0.0002%
Assay	NLT – 98.5%

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

