

## Certificate of Analysis

Date of Testing: 2024-10-30 16:21:39

Date of Next Testing: 2028-10-29 16:21:39

Product Name: **Phosphorus pentoxide**

CAS Number: 1314-56-3

Specifications & Purity:  $\geq 98\%$

Lot #: J2424847

SKU #: **P116345**

Version: **0**

Analysis #: **428724**

Storage Temperature: Argon charged

| Parameter                            | Limit Values              | Result                    |
|--------------------------------------|---------------------------|---------------------------|
| Insoluble matter in H <sub>2</sub> O | 0-0.02 (%)                | 0.00 %                    |
| Heavy metal (as Pb)                  | 0-0.01 (%)                | 0.00 %                    |
| Ammonia (NH <sub>4</sub> )           | 0-0.01 (%)                | 0.01 %                    |
| Purity (Titration by NaOH)           | 97.5-102.5 (%)            | 98.61 %                   |
| Appearance (P116345)                 | White to Off-White Powder | White to Off-White Powder |
| X-Ray Diffraction                    | Conforms to Structure     | Conforms to Structure     |



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