

## Certificate of Analysis

Date of Testing: 2024-11-25 10:56:25

Date of Next Testing: 2028-11-24 10:56:25

Product Name: **PIPES dipotassium salt**

CAS Number: 108321-27-3

Specifications & Purity:  $\geq 99\%$ (T)

Lot #: K2421522

SKU #: **P113027**

Version: **0**

Analysis #: **433554**

Storage Temperature: Room temperature

| Parameter                                                           | Limit Values             | Result                   |
|---------------------------------------------------------------------|--------------------------|--------------------------|
| Water by Karl Fischer                                               | 0-9 (%)                  | 0.55 %                   |
| Heavy metal (as Pb)                                                 | 0-5 (ppm)                | 0.00 ppm                 |
| Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous)   | 99-100 (%)               | 99.79 %                  |
| Appearance (P113027)                                                | white crystalline powder | white crystalline powder |
| Solubility in H <sub>2</sub> O , clear colorless ,500mg/ml in water | pass                     | Pass                     |
| Infrared spectrum                                                   | Conforms to Structure    | Conforms to Structure    |



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