

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-24 13:43:21

Date of Next Testing: 2029-06-23 13:43:21

Product Name: **PIPES dipotassium salt(PIPES-K2)**

CAS Number: 108321-27-3

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

Lot #: F2523705

SKU #: **P113027**

Version: **0**

Analysis #: **529229**

Storage Temperature: Room temperature

| Parameter                                                           | Limit Values             | Result                   |
|---------------------------------------------------------------------|--------------------------|--------------------------|
| Water by Karl Fischer                                               | 0-9 (%)                  | 1.28380 %                |
| Heavy metal (as Pb)                                                 | 0-5 (ppm)                | 3.00000 ppm              |
| Purity (Titration by H <sub>2</sub> SO <sub>4</sub> ) (anhydrous)   | 99-100 (%)               | 99.42000 %               |
| 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    |



John Su  
QA & QC Manager