

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-21 14:45:37

Date of Next Testing: 2029-10-20 14:45:37

Product Name: **Permutit**

CAS Number: 1318-02-1

Specifications & Purity: Particle size  $\leq 10.0\mu\text{m}$

Lot #: C1806006

SKU #: **P103646**

Version: **0**

Analysis #: **590000**

Storage Temperature: Room temperature

| Parameter                                          | Limit Values                   | Result                         |
|----------------------------------------------------|--------------------------------|--------------------------------|
| Particle size                                      | 0-10 ( $\mu\text{m}$ )         | 8.81300 $\mu\text{m}$          |
| Loss on ignition( $800\pm 10^{\circ}\text{C}$ ,1h) | 0-23 (%)                       | 10.56000 %                     |
| PH value (25 $^{\circ}\text{C}$ , 1%)              | 0-11                           | 4.36000                        |
| Whiteness                                          | 97-100 (%)                     | 97.12000 %                     |
| Appearance (P103646)                               | white powder or solid          | white powder or solid          |
| Angle of repose                                    | 49 $^{\circ}$                  | 49 $^{\circ}$                  |
| bulk density(mg/ml)                                | 372                            | 372                            |
| Calcium exchange capacity                          | 218mgCaCO <sub>3</sub> / g dry | 218mgCaCO <sub>3</sub> / g dry |



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QA & QC Manager