

ALADDIN SCIENTIFIC CORPORATION  
14078 Meridian Parkway, Riverside, CA. 92518

### Certificate of Analysis

Date of Testing: 2025-07-22 14:47:28  
Date of Next Testing: 2029-07-21 14:47:28  
Product Name: **Permutit**  
CAS Number: 1318-02-1  
Specifications & Purity: Particle size ≤ 10.0um  
Lot #: G2508371  
SKU #: **P103646**  
Version: **0**  
Analysis #: **514882**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Particle size	0-10 (µm)	8.48000 µm
Loss on ignition(800±10°C,1h)	0-23 (%)	0.52600 %
PH value (25 °C, 1%)	0-11	4.23500
Whiteness	97-100 (%)	98.99600 %
Appearance (P103646)	white powder or solid	white powder or solid
Angle of repose	49°	49°
bulk density(mg/ml)	372	372
Calcium exchange capacity	218mgCaCO3 / g dry	218mgCaCO3 / g dry



John Su  
QA & QC Manager