

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-06-20 15:42:41  
Date of Next Testing: 2026-06-19 15:42:41  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Specifications & Purity: Basic-Grade Reagents, for Preparation, pellets  
Lot #: F2306194  
SKU #: **P431768**  
Version: **1**  
Analysis #: **243747**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (acidimetric, KOH)	84-100 (%)	91.07000 %
Carbonate (as K <sub>2</sub> CO <sub>3</sub> )	0-2 (%)	0.61000 %
Chloride	0-0.01 (%)	0.00250 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.00140 %
Heavy metals(as Pb)	0-0.002 (%)	0.00000 %
Aluminium(Al)	0-0.002 (%)	0.00007 %
Iron(Fe)	0-0.002 (%)	0.00010 %
Appearance(P431768)	white pellets	white pellets
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager