

## Certificate of Analysis

Date of Testing: 2023-03-25 16:04:10  
Date of Next Testing: 2026-03-24 16:04:10  
Product Name: **Potassium hydroxide**  
CAS Number: 1310-58-3  
Specifications & Purity: pellets Basic-Grade Reagents , for Preparation  
Lot #: C23231003  
SKU #: **P431768**  
**Analysis:** **198284**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay (acidimetric, KOH)	84-100 (%)	92.16000 %
Carbonate (as K <sub>2</sub> CO <sub>3</sub> )	0-2 (%)	0.76000 %
Chloride	0-0.01 (%)	0.00 %
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0-0.01 (%)	0.00 %
Heavy metals(as Pb)	0-0.002 (%)	0.00 %
Aluminium(Al)	0-0.002 (%)	0.00000 %
Iron(Fe)	0-0.002 (%)	0.00 %
Appearance(P431768)	white pellets	white pellets
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager