

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: Potassium hydroxide,AR,85%

ITEM NUMBER: P112284  
BRAND: Aladdin  
CAS NUMBER: 1310-58-3  
MDL NUMBER: MFCD00003553  
FORMULA: KOH  
MOLECULAR WEIGHT: 56.11

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
(Al)Aluminum	0 %	0.005 %	0.005 %
(Ni)Nickel	0 %	0.0005 %	0.0005 %
(PO4)Phosphate	0 %	0.005 %	0.005 %
Appearance	White Powder ,Flakes, or Chips		
Calcium	0 %	0.01 %	0.01 %
Carbonate(K <sub>2</sub> CO <sub>3</sub> )	0 %	2 %	2 %
Chloride compounds(as Cl)	0 %	0.01 %	0.01 %
Clarity	pass		
Heavy metals	0 %	0.002 %	0.002 %
Iron(Fe)	0 %	0.001 %	0.001 %
Nitrogen(N)	0 %	0.0005 %	0.0005 %
Purity(Titration by HCl)	85 %	100 %	100 %
Silicate(SiO <sub>3</sub> )	0 %	0.02 %	0.02 %
Sodium (Na)	0 %	2 %	2 %
Sulfate(SO <sub>4</sub> )	0 %	0.005 %	0.005 %
X-Ray Diffraction	Conforms to Structure		