



## Certificate of Analysis

### Potassium Hydroxide ACS

**Catalog Number:** PH1002  
**Lot Number:** 1017601  
**CAS Number:** 1310-58-3  
**Molecular Formula:** KOH  
**Molecular Weight:** 56.11  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** November 2, 2015  
**Retest Date:** November 1, 2020

Test	Specification	Result
Appearance	Light pink pellets	Conforms
Assay	≥ 85.0%	86.9%
Potassium Carbonate	≤ 2.0%	0.7%
Chloride	≤ 0.01%	< 0.01%
Nitrogen Compounds	≤ 0.001%	< 0.001%
Phosphate	≤ 0.0005%	< 0.0005%
Sulfate	≤ 0.003%	< 0.003%
Heavy Metals (as Ag)	≤ 0.003%	< 0.001%
Iron	≤ 0.001%	< 0.001%
Nickel	≤ 0.001%	< 0.001%
Calcium	≤ 0.005%	< 0.005%
Magnesium	≤ 0.002%	< 0.002%
Sodium	≤ 0.05%	< 0.05%

Approved by:

John Grubb, PhD  
Gojira Fine Chemicals, LLC  
Quality Manager  
Tel: 440-539-7033 Fax: 888-211-5523  
[john@gojiraafc.com](mailto:john@gojiraafc.com)

Date: October 17, 2016