

Gojira Fine Chemicals, LLC

Quality Products & Services Meeting Customer Needs

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Certificate of Analysis

Potassium Carbonate Anhydrous ACS/USP

Catalog Number:PC1001Lot Number:0706702CAS Number:584-08-7Molecular Formula:K2CO3Molecular Weight:138.21

Storage: $15^{\circ}\text{C} - 30^{\circ}\text{C}$

Date of Manufacture: December 28, 2016 **Retest Date:** December 27, 2021

Test	Specification	Result
Appearance	White granular powder	Conforms
Assay	99.5% - 100.5%	100.3%
Identification	To pass test	Conforms
Insoluble Matter	≤ 0.01%	0.003%
Chloride (CI)	≤ 0.003%	<0.003%
Phosphate (PO ₄)	≤ 0.001%	< 0.001%
Silica (SiO ₂)	≤ 0.005%	< 0.005%
Sulfur Compounds (as	≤ 0.004%	< 0.004%
SO ₄)		
Heavy Metals (as Pb)	≤ 5ppm	< 5ppm
Iron (Fe)	≤ 5ppm	< 5ppm
Calcium (Ca)	≤ 0.005%	0.0005%
Magnesium (Mg)	≤ 0.002%	0.0003%
Sodium (Na)	≤ 0.02%	0.0052%
Loss on Drying	≤ 0.5%	0.25%
Insoluble Substances	Complete, clear & colorless	Conforms
Residual Solvents: Purific	ed water was the only solvent used during t	the production process of the

residual Solvents: Purified water was the only solvent used during the production process of the product.

Date: July 6, 2017

Approved by:

John Grubb

John Grubb, PhD

Gojira Fine Chemicals, LLC

Quality Manager

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For research or further manufacturing. Not for drug, clinical or a food use in humans or animals.