



Gojira Fine Chemicals, LLC
Quality Products & Services Meeting Customer Needs
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Certificate of Analysis

Ammonium Oxalate Monohydrate ACS

Catalog Number: AO1001
Lot Number: 0814703
CAS Number: 6009-70-7
Synonym(s): Oxalic Acid Diammonium Salt Monohydrate
Molecular Formula: $(\text{NH}_4)_2\text{C}_2\text{O}_4 \cdot \text{H}_2\text{O}$
Molecular Weight: 142.11
Storage: 15°C – 30°C
Date of Manufacture: August 2, 2015
Retest Date: August 1, 2020

Test	Specification	Result
Appearance	White crystals to powder	Conforms
Assay (Titration)	99.0 – 101.0%	99.2%
Solubility (5%)	Clear & colorless	Conforms
Insoluble Material	$\leq 0.005\%$	$< 0.001\%$
Residue on Ignition	$\leq 0.02\%$	0.005%
Chloride	$\leq 0.002\%$	$< 0.002\%$
Sulfate	$\leq 0.002\%$	$< 0.002\%$
Heavy Metals	$\leq 5\text{ppm}$	3ppm
Iron	$\leq 2\text{ppm}$	1ppm

Approved by:

Date: August 15, 2017

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