



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

Ferric Ammonium Sulfate Dodecahydrate ACS

Catalog Number: FA1006
Lot Number: 0808606
CAS Number: 7783-83-7
Synonym(s): Ammonium ferric sulfate dodecahydrate, Ammonium iron(III) sulfate dodecahydrate
Molecular Formula: $\text{Fe}(\text{SO}_4)_2\text{NH}_4 \cdot 12\text{H}_2\text{O}$
Molecular Weight: 482.20
Storage: 15°C – 30°C
Date of Manufacture: May 9, 2015
Retest Date: May 8, 2020

Test	Specification	Result
Appearance	Violet crystals	Conforms
Assay	98.5 – 102.0%	99.96%
Identification	To pass test	Conforms
Insoluble Matter	$\leq 0.01\%$	0.004%
Chloride	$\leq 0.001\%$	$< 0.001\%$
Nitrate	$\leq 0.01\%$	$< 0.01\%$
Calcium	$\leq 0.01\%$	0.0006%
Copper	$\leq 0.003\%$	0.0002%
Magnesium	$\leq 0.005\%$	0.0004%
Potassium	$\leq 0.005\%$	0.0025%
Sodium	$\leq 0.02\%$	0.003%
Zinc	$\leq 0.003\%$	0.0001%
Ferrous ion (Fe^{++})	To pass test	Conforms

Approved by:

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Date: August 8, 2016