



Certificate of Analysis

Sodium Nitrate ACS

Catalog Number: SN1001
Lot Number: 1018602
CAS Number: 7631-99-4
Molecular Formula: NaNO_3
Molecular Weight: 84.99
Storage: 15°C – 30°C
Date of Manufacture: August 4, 2015
Retest Date: August 3, 2020

Test	Specification	Result
Appearance	Fine, white granular powder	Conforms
Assay	$\geq 99.0\%$	99.28%
Identification	To meet requirement	Conforms
Solubility (5%)	Clear & colorless	Conforms
pH (5%)	5.5 – 8.3	6.57
Insoluble Matter	$\leq 0.005\%$	0.003%
Chloride	$\leq 0.001\%$	$< 0.001\%$
Iodate	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Nitrate	$\leq 0.001\%$	$< 0.001\%$
Phosphate	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Sulfate	$\leq 0.003\%$	$< 0.003\%$
Calcium	$\leq 0.005\%$	0.0006%
Magnesium	$\leq 0.002\%$	0.0004%
Heavy Metals	$\leq 5\text{ppm}$	$< 5\text{ppm}$
Iron	$\leq 3\text{ppm}$	$< 3\text{ppm}$

Approved by:

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