



## Specification

### Sodium Nitrate ACS

**Catalog Number:** SN1001  
**CAS Number:** 7631-99-4  
**Molecular Formula:**  $\text{NaNO}_3$   
**Molecular Weight:** 84.99  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from the date of manufacture

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

Approved:

Date: September 25, 2018

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