



## Specification

### Sodium Chloride ACS/USP/FCC

**Catalog Number:** SC1015  
**CAS Number:** 7647-14-5  
**Molecular Formula:** NaCl  
**Molecular Weight:** 58.44  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from date of manufacture.

Test	Specification
Appearance	White crystalline powder
Assay	99.0 – 100.5%
Identification (Sodium & Chloride)	To pass tests
Appearance of Solution (20%)	To pass test
Solubility (10%)	Clear & colorless
pH (10%)	5.0 – 9.0
Moisture (LOD)	≤ 0.5%
Insoluble Matter	≤ 0.005%
Acidity or Alkalinity	≤ 0.5mL 0.01NHCl/NaOH required
Barium	To pass test
Bromide	≤ 0.01%
Calcium	≤ 0.002%
Calcium & Magnesium	≤ 0.35%
Chlorate & Nitrate	≤ 0.003%
Iodide	≤ 0.002%
Iron	≤ 2ppm
Magnesium	≤ 0.001%
Magnesium & Alkaline Earth Metals	≤ 100ppm
Nitrites	Abs ≤ 0.01
Phosphate	≤ 0.0005%
Potassium	≤ 0.005%
Sulfate	≤ 0.02%
Heavy Metals	≤ 5ppm
Arsenic	≤ 1ppm
Iron	≤ 2ppm
Ferrocyanides	To pass test
Ferrocyanides	≤ 0.0029%

Approved:

John Grubb, PhD

Date: February 15, 2018



# Gojira Fine Chemicals, LLC

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