



## Certificate of Analysis

### Sodium Salicylate USP

**Catalog Number:** SS1012  
**Lot Number:** 0814801  
**CAS Number:** 54-21-7  
**Synonym(s):** 2-Hydroxybenzoic acid sodium salt, Salicylic acid sodium salt, Sodium 2-hydroxybenzoate  
**Molecular Formula:**  $C_7H_5NaO_3$   
**Molecular Weight:** 160.10  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** March 24, 2018  
**Retest Date:** March 23, 2021

Test	Specification	Result
Appearance	White to off-white crystalline powder	Conforms
Assay	98.0 – 102.0%	99.8%
Identification		
FTIR	To meet requirements	Conforms
Sodium	To meet requirements	Conforms
Retention Time	To meet requirements	Conforms
Moisture	≤ 0.5%	0.05%
Sulfite/Thiosulfate	To meet requirements	Conforms
Organic Impurities	To meet requirements	Conforms
Salicylic Acid Compound A	≤ 0.10%	0.01%
Phenol	≤ 0.02%	Not detected
Salicylic Acid Compound B	≤ 0.05%	0.01%
Any Other Individual Impurity	≤ 0.05%	Not detected
Total Impurities	≤ 0.20%	0.02%
Heavy Metals	≤ 20ppm	< 20ppm
Residual Solvents	To meet requirements	Conforms
This lot meets the requirements for USP41.		

Approved by:

John Grubb, PhD  
Gojira Fine Chemicals, LLC  
Quality Manager  
Tel: 440-539-7033 Fax: 888-211-5523  
[john@gojirafc.com](mailto:john@gojirafc.com)

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