



## Certificate of Analysis

### Sodium Azide Pharma Grade

**Catalog Number:** SA1001  
**Lot Number:** 0822703  
**CAS Number:** 26628-22-8  
**Molecular Formula:**  $\text{NaN}_3$   
**Molecular Weight:** 65.01  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** January 2, 2015  
**Retest Date:** January 1, 2019

Test	Specification	Result
Appearance	Pure white crystals	Conforms
Assay (Titration)	$\geq 99.5\%$	99.7%
Identification (FTIR)	To match reference spectrum	Conforms
Particle Size	$\leq 325\mu\text{m}$	170 $\mu\text{m}$
pH	$\geq 9.5$	10.3
Moisture (LOD)	$\leq 0.1\%$	0.02%
Insoluble Material	$\leq 0.02\%$	< 0.01%
Turbidity	$\leq 10\text{NTU}$	3NTU
Alkalinity	$\leq 0.1\%$	0.03%
Chloride	$\leq 0.05\%$	< 0.05%
Sodium Carbonate	$\leq 0.15\%$	0.03%
Heavy Metals	$\leq 10\text{ppm}$	< 10ppm
Iron	$\leq 10\text{ppm}$	< 10ppm

Approved by:

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

Date: August 23, 2017