



## Certificate of Analysis

### Sodium Azide Pharma Grade

**Catalog Number:** SA1009  
**Lot Number:** 0509901  
**CAS Number:** 26628-22-8  
**Molecular Formula:**  $\text{NaN}_3$   
**Molecular Weight:** 65.01  
**Storage:** 15°C – 30°C  
**Date of Manufacture:** January 1, 2018  
**Retest Date:** December 31, 2023

Test	Specification	Result
Appearance	White powder	Conforms
Assay (Titration)	$\geq 99.5\%$	99.7%
Identification (FTIR)	To match reference spectra	Conforms
Insoluble Matter	$\leq 0.02\%$	$< 0.01\%$
Moisture (LOD)	$\leq 0.1\%$	0.02%
Solubility (40mg/mL)	Clear & colorless	Conforms
pH (40mg/mL)	$\geq 9.5$	10.2
Alkalinity	$\leq 0.1\%$	0.03%
Sodium Carbonate	$\leq 0.15\%$	$< 0.01\%$
Turbidity	$\leq 10\text{NTU}$	4NTU
Chloride	$\leq 0.05\%$	$< 0.05\%$
Heavy Metals	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Iron	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Particle Size	$\leq 325\mu\text{m}$	162 $\mu\text{m}$

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: May 9, 2019