



## Specification

### Sodium Azide Pharma Grade

**Catalog Number:** SA1009  
**CAS Number:** 26628-22-8  
**Molecular Formula:**  $\text{NaN}_3$   
**Molecular Weight:** 65.01  
**Storage:** 15°C – 30°C  
**Retest Period:** Five years from the date of manufacture

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

Approved:

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