

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	00278
Product	Sodium azide
Lot Number	000070-14103
	Hydrazoic azide sodium salt
CAS Number	26628-22-8
Molecular Formula	NaN ₃
Molecular Weight	65.01

Appearance	White crystalline powder
Turbidity	1 NTU
Heavy Metals	< 10 ppm
Anion	Chloride (Cl ⁻): < 0.05%
Cation	Iron (Fe): < 10 ppm
Water Content (Karl Fisher)	0.24%
pH	10.9
Alkalinity	0.03% (Total)
Infrared Spectrum	Conforms to structure
Loss on Drying	0.02%
Particle Size	184 µm
Insoluble material	< 0.01% (in Water)
Assay by titration	99.9%
Application	It is used in organic synthesis to introduce the azide functional group by displacement of halides.
Storage	Store at RT
Additional Information	Sodium carbonate (Na ₂ CO ₃): < 0.01%

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Lot Number: 000070-14103

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager