

# *Chem-Impex International, Inc.*

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**Manufacturing site:**

825 Dillon Drive

Wood Dale, IL 60191

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01633
<b>Lot Number</b>	002558-29
<b>Product</b>	<b>Sodium nitrite</b>

<b>CAS Number</b>	7632-00-0
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<b>Molecular Formula</b>	NaNO <sub>2</sub>
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<b>Molecular Weight</b>	69
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<b>Appearance</b>	Pale yellow crystalline powder
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<b>Solubility</b>	82 g in 100 mL water at 20 °C
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<b>Melting Point</b>	271 °C (Approx.)
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<b>Heavy Metals</b>	0.001% (as Pb)
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<b>Anion</b>	Chloride (Cl <sup>-</sup> ): 0.005% Sulfate (SO <sub>4</sub> <sup>2-</sup> ): 0.01%
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<b>Cation</b>	Iron (Fe): 0.001% Calcium (Ca): 0.0% Potassium (K): 0.0001%
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<b>Insoluble material</b>	0.005% (C=10% in Water)
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<b>Assay by titration</b>	99.4%
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<b>Grade</b>	ACS reagent
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<b>Application</b>	Used to synthesis a variety of organic compounds, such as pharmaceuticals, dyes, and pesticides.
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<b>Storage</b>	Store at RT
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## ***Certificate of Analysis***

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**Lot Number: 002558-29**

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**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**