

## Certificate of Analysis

Date of Testing: 2022-06-30 09:36:24

Date of Next Testing: 2026-06-29 09:36:24

Product Name: **Sodium nitrite**

CAS Number: 7632-00-0

Specifications & Purity: ACS

Lot #: F2224340

SKU #: **S111976**

**Analysis: 108332**

| Parameter                                   | Limit Values                             | Result                                   |
|---------------------------------------------|------------------------------------------|------------------------------------------|
| Purity(Titration by KMNO <sub>4</sub> )     | 96.5-103.5 (%)                           | 99.80 %                                  |
| Potassium(K)                                | 0-0.005 (%)                              | 0.00 %                                   |
| Calcium(Ca)                                 | 0-0.01 (µg/mg)                           | 0.01 µg/mg                               |
| Insoluble matter: (10% in H <sub>2</sub> O) | 0-0.01 (%)                               | 0.01 %                                   |
| Heavy metal (as Pb)                         | 0-0.001 (%)                              | 0.00 %                                   |
| Iron(Fe)                                    | 0-0.001 (%)                              | 0.00 %                                   |
| Appearance (S111976)                        | White to Light Yellow Powder or Crystals | White to Light Yellow Powder or Crystals |
| X-Ray Diffraction                           | Conforms to Structure                    | Conforms to Structure                    |



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