



**ChemPure\* Brand  
Chemicals**

Cust-Product Code: CP-M1774S  
Lot #: 2020012911

## CERTIFICATE OF ANALYSIS

...Pure Quality

PRODUCT NAME: **Nitric Acid**  
ACS

CHEMICAL FORMULA: HNO<sub>3</sub>

F.W.: 63.0100

CAS No: 7697-37-2

Density: 1.4200

| ANALYTICAL RESULTS         |                                   |             |
|----------------------------|-----------------------------------|-------------|
| ITEM                       | SPECIFICATIONS                    | ANALYSIS    |
| Appearance                 | Colorless, free from susp. matter | Passes Test |
| Assay (HNO <sub>3</sub> )  | 68.0 - 70.0%                      | 69.7%       |
| Color (APHA)               | 10 max.                           | 0           |
| Residue After Ignition     | 5 ppm max.                        | <1 ppm      |
| Chloride (Cl)              | 0.5 ppm max.                      | <0.5 ppm    |
| Sulfate (SO <sub>4</sub> ) | 1 ppm max.                        | <1 ppm      |
| Arsenic (As)               | 0.01 ppm max.                     | <0.01 ppm   |
| Heavy Metals (as Pb)       | 0.2 ppm max.                      | <0.2 ppm    |
| Iron (Fe)                  | 0.2 ppm max.                      | <0.2 ppm    |
| Manufacture Date           | Record Actual                     | 01/29/2020  |
| Expiration date            | Record Actual                     | 01/28/2022  |
| REMARKS                    |                                   |             |
| Meets ACS specifications   |                                   |             |
|                            |                                   |             |

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