

# Certificate of Analysis

**Material Number:** 310547.1000  
**Material description :** Nitric acid 6 mol/l (6N) in aqueous solution  
**Grade :** AVS TITRINORM®  
**Lot Number :** 2503582  
**Use by\* :** 2026-Oct-30  
**Date of Quality Control :** 2025-Oct-30  
**Date of Manufacture :** 2025-Oct-30  
**CAS Number :** 7697-37-2  
**Molecular weight:** 63.01 g/mol  
**Molecular formula:** HNO<sub>3</sub>

| Characteristics                         | Specifications     | Measured values |
|-----------------------------------------|--------------------|-----------------|
| Titer (20°C; real value 0.2 % accuracy) | 5.99 -> 6.01 mol/l | 6,00 mol/l      |

## Signature

We certify that this batch conforms to the specifications listed above. This document has been produced electronically and is valid without a signature.

Signed on behalf of VWR 2025-Oct-30  
O Bringer  
Quality Control Manager

## Other information

\*The use by date is the date to which VWR guarantees the above specification will be met for the product in an unopened container stored under recommended conditions.