

# Certificate of Analysis

**Material Number:** 85178.290  
**Material description :** Potassium permanganate 0.05 mol/l (0.25 N) in aqueous solution  
**Grade :** AVS TITRINORM®  
**Lot Number :** 2500161  
**Use by\* :** 2026-Jan-15  
**Date of Quality Control :** 2025-Jan-15  
**Date of Manufacture :** 2025-Jan-15  
**CAS Number :** 7722-64-7  
**Molecular weight:**  
**Molecular formula:** KMnO<sub>4</sub>

| Characteristics                         | Specifications        | Measured values |
|-----------------------------------------|-----------------------|-----------------|
| Titer (20°C; real value 0.2 % accuracy) | 0.0499 - 0.0501 mol/l | 0,0500 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-Jan-15  
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.