



# Certificate of Analysis

## **British Pharmacopoeia** **0.1 M Ammonium and cerium sulphate**

<b>Lot N:</b>	1132538
<b>Description:</b>	Ammonium and cerium sulphate 1M
<b>Ref N:</b>	BPV 656
<b>Measured Concentration:</b>	<b>0.1000 M +/- 0.2%</b>
<b>Method:</b>	Titration with 0.1 M sodium thiosulphate using starch solution
<b>Titer*:</b>	1.000
<b>Expiry Date:</b>	04.08.2026

*\*The Titer (correction factor) is defined as the ratio from the actual molar concentration  $[c(x)]$  of a standard solution (actual value) and the intended molar concentration  $[c1(x)]$  of the same solution (required value)*

This product conforms to the specifications given in British Pharmacopoeia. This solution was produced using Eur reagent quality components and water R.

The molarity is determined by an appropriate number of titrations. The repeatability does not exceed 0.2% (relative standard deviation).

### *Instruction for use*

The solution bottle should be open for the minimum time required to dispense the solution. After use, the bottle should be tightly recapped and stored under normal laboratory conditions.

This certificate relates solely to the lot number given above.

**Certification date:** 04.07.2025

Signed by: , Chemical Production Manager