

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-12 14:08:22

Date of Next Testing: 2027-03-12 14:08:22

Product Name: **Hydrogen Peroxide (H<sub>2</sub>O<sub>2</sub>) Content Assay Kit (Xylenol orange, Micro Method)**

CAS Number:

Specifications & Purity: BioReagent

Lot #: C2612459

SKU #: H1492752

Version: 1

**Analysis #:** 670720

Storage Temperature: Store at 2-8°C, Protected from light, Store at -20°C

| Parameter                                            | Limit Values      | Result            |
|------------------------------------------------------|-------------------|-------------------|
| Seal Integrity Testing                               | Conform           | Conform           |
| Appearance (H1492752A)                               | Orange liquid     | Orange liquid     |
| Appearance (H1492752B)                               | Colourless liquid | Colourless liquid |
| Appearance (H1492752C)                               | Colourless liquid | Colourless liquid |
| Sensitivity ( $R^2 \geq 0.99$ )                      | Conform           | Conform           |
| Accuracy (OD of 100µM Standard at 580nm $\geq 0.5$ ) | Conform           | Conform           |
| Accuracy (OD of 0µM Standard at 580nm $\leq 0.05$ )  | Conform           | Conform           |
| Thermal stress test (7 days at 37°C)                 | Conform           | Conform           |



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QA & QC Manager