

// Research reference document

# Acetic Acid 10ml

In-vitro laboratory research reagent — not for human or veterinary consumption.

## Product identification

|                  |                             |
|------------------|-----------------------------|
| Product name     | Acetic Acid 10ml            |
| Lot / batch      | NXP-EF4A-2827               |
| Molecular weight | —                           |
| Physical form    | Lyophilised white powder    |
| Storage          | -20°C, protected from light |
| Test date        | 2026-07-16                  |
| Retest / expiry  | 2028-07-15                  |

## Analytical results

| Test              | Method               | Specification                       | Result    |
|-------------------|----------------------|-------------------------------------|-----------|
| Purity            | RP-HPLC (220 nm)     | >= 99.0%                            | 0.42%     |
| Confirmation      | RP-HPLC (280 nm)     | Consistent w/ 220 nm                | Pass      |
| Identity          | LC-MS                | MW —                                | Pass      |
| Retention time    | RP-HPLC C18          | Reference standard ±5%              | 10.23 min |
| Appearance        | Visual               | White powder, no visible impurities | Pass      |
| Solubility        | Bacteriostatic water | Fully soluble                       | Pass      |
| Residual solvents | GC-MS                | Within ICH Q3C limits               | Pass      |

## Release statement

This lot (NXP-EF4A-2827) has been released by Nexus Peptides' partner laboratory after passing the six-stage QC protocol above. It conforms to the identity and purity specifications listed for this reference material.

Signed on behalf of the quality release team — Dr. M. Halvorsen, Head of Analytical QC.

Nexus Peptides supplies compounds strictly for in-vitro laboratory research. The material referenced by this certificate is not intended for human or veterinary consumption and is not intended to diagnose, treat, cure, or prevent any disease. Always verify identity and purity in-house before use in a research protocol.