OPTIMAL BIO LABS

Reconstitution Solution 3ml Preservative Free Technical Data Specification Sheet

OPTIMAL BIO LABS — LABORATORY SOLVENT SPECIFICATION STANDARD

Verified Operational Reference Standard

CORE DATA SPECIFICATIONS

PARAMETER	SPECIFICATION
Chemical Profile	Ultra-pure, preservative-free laboratory diluent
Composition	100% Deionized Aqueous Media (H2O)
Form & Appearance	Clear, completely colorless liquid
pH Target Range	5.0 – 7.0
Application Target	In-vitro laboratory reference use only

STORAGE & HANDLING

Retain inside the original sealed container. Store in a cool, dry laboratory environment away from direct light exposure.

MATERIAL RESTRICTION

For laboratory research and analytical evaluation only. Materials are strictly restricted from human, clinical, or diagnostic use.

OPTIMAL BIO LABS

Quality Assurance Protocol & Sourcing Transparency

1. Specification Baseline & Quality Threshold

Optimal Bio Labs operates under a standardized Quality Assurance Program. Every synthesized lot is managed against a 99%+ batch target, with a strict baseline purity threshold set at 98.0%. For product variations where a pre-linked independent analysis is unavailable, our internal quality validation framework remains fully active to ensure structural and analytical compliance before inventory release.

2. Sourcing Transparency & Verification Channels

We maintain direct, long-term relationships with a highly selective network of primary synthesis manufacturers. To protect proprietary trade channels and supply logistics, we do not utilize third-party brokers or downstream distributors.

Analytical data and reference documentation are compiled using multi-layered validation sources, which may include direct facility mapping, industry-standard third-party auditing via Fennrick, or independent validation by domestic testing laboratories. Where external reports are generated, they are often routed through the primary source (c/o Optimal Bio Labs) to ensure unaltered documentation for that specific batch variation. Qualifying independent records can be cross-referenced directly through the testing facility’s verification systems.

3. Specification Discrepancy & Account Adjustments

We stand behind our strict quality baseline. In the event that a sealed, unopened reference unit from a qualifying lot is submitted to Fennrick for independent verification and returns an objective analytical purity reading below our 98.0% baseline threshold, the following standardized adjustment protocols apply:

- Material Valuation Credit: A balance reallocation will be applied to the account covering the baseline cost of the verified lot variation.
- Logistical Cost Offset: Account adjustments include credit allocations for standard logistics costs associated with the independent verification process and sample delivery, subject to our published terms and conditions.

Authenticity Through Verifiable Analysis.