

Linearity Solutions Composition in the Chemical Solutions Qualification Kits - Tech Information

Date: 7-APRIL-2012 Last Updated: 5-JULY-2025

Each linearity solution in the Chemical Solutions Qualification kits is prepared using calibrated analytical balances and follows a rigorously validated protocol. The active component is caffeine, precisely dissolved in a solvent mixture of **90:10 acetonitrile to 0.1% acetic acid (v/v)**. This composition is optimized for use in HPLC and other chromatographic systems to assess detector linearity and system performance.

These solutions are ready-to-use and designed to support qualification procedures in regulated laboratory environments. For further technical specifications or documentation, please contact our support team.

Note: The linearity solutions included in the Chemical Solutions™ brand of Qualification Kits are formulated under ISO 9001 conditions to ensure consistency, traceability, and analytical reliability.

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MicroSolv Technology Corporation

9158 Industrial Blvd. NE, Leland, NC 28451

Tel: (732) 380-8900

Fax: (910) 769-9435

Email: customers@mtc-usa.com

Website: www.mtc-usa.com