



# ConfIRM<sup>®</sup>

C TECHNOLOGIES, INC.



## Product Specifications

Part ID: MRM-01-P10 (HIGH)  
 MRM-07-P10 (MID)  
 MRM-05-P10 (LOW)

# ConfIRM

## Overview

The ConfIRM<sup>®</sup> Slope Reference Material (mRM<sup>™</sup>) is the only certified, NIST traceable, reference standard developed specifically for slope spectrometers such as the SoloVPE and the FlowVPE. Stop relying on absorbance-based CRMs or concentration-based standards that are not designed specifically for slope verifications. The ConfIRM standard comes with NIST traceable, Guide 34 Certified slope and uncertainty values that can be used to verify system health, suitability, and performance. This caffeine-based standard is available in a 10-pack of convenient, single-use ampules and has a two-year shelf life from date of manufacture. The ConfIRM line includes High, MID, and LOW slope standards. Are you interested in a Slope Standard matched to your product or method? Contact C Technologies for more information about Custom ConfIRM mRMs (minimums apply).

## Features | Advantages | Benefits

**Standard Type:** Certified Slope Reference Material (mRM<sup>™</sup>)

**NIST Traceable Certified Values:** Slope and Uncertainty (Abs/mm)  
 ConfIRM HIGH  $\pm 4.5\%$   
 ConfIRM MID/LOW  $\pm 4.0\%$

**Certified Wavelength:** 272 nm

**Physical Characteristics:** Clear Odorless Liquid

**Chemical Characterization:** Mixture

Component ID/CAS#	Description
58-08-2	Caffeine
7732-18-5	Water, distilled

**Applicable Standards:** Slope Reference Material (mRM<sup>™</sup>) prepared and certified under ISO 9001, ISO 17025, and ISO 17034

**Hazard Information:** Non-Toxic

	Health	Fire	Reactivity
NFPA Ratings	0	0	0
HMIS Ratings	0	0	0

**Package Form Factor:** 1 mL Sealed Amber Glass Ampules

**Product Expiration:** Two years from Date of Manufacture

**Variable. Pathlength. Technology.**

The Originators of *Slope* spectroscopy<sup>®</sup>