





Instrument
GC/MS

Detection
MS

Column/Flow
Phenomenex ZB-Semivolatile 30m
x 0.25 mm, ID 0.25 µm / 1 mL/min

Method Details

Rate	Temp.(C)	Hold time (min)
40.0	2.0	
10.0	100.0	0.0
15.0	250.0	0.0
20.0	345.0	3.25

Inj.-Vol
1 µL

Method of Preparation

The certified value is based on gravimetric and volumetric preparation of this RM. This RM has been confirmed by the appropriate analytical techniques.

Batch Information

Solvent: Tol.:Hex. 1:1, Lot no. 210437:216610, 20 mL

Intended Use

This RM is intended for use in a laboratory as a calibration and quality control standard or in method development for analytical techniques.

Safety

Proper precautions should be observed while handling. See Safety Data Sheet.

Uncertainty

The certified value(s) and uncertainty(ies) are determined in accordance with EURACHEM/CITAC Guide for "Quantifying Uncertainty in Analytical Measurements, 3rd Edition", with an 95% confidence level (k=2). Uncertainty is based on the Characterization Uncertainty, which includes uncertainties of preparation and purity of neat materials.

Traceability

The balances used for gravimetric measurements are calibrated with weights traceable to the national standards (NIST). The calibration of the balances is verified daily internally and annually by an external accredited calibration service. Only Class A glassware is used for volumetric measurements.

Storage

The RM should be stored in the original sealed bottle at the indicated temperature.

Instructions for Use

The RM should be used shortly after opening to avoid concentration changes due to evaporation. It is recommended to use 1 µL as the minimum sample size. If storage after opening is necessary, it should be transferred to an amber vial with minimum head space and a Teflon lined silicon septum. After opening, please consult your own quality management system for proper use and storage. Visit the support section of our website lgcstandards.com for a series of Dr. Ehrenstorfer Tech Tip videos and frequently asked questions.