



GP-LCS2-LID-E: STATIC HEADSPACE (OUTGASSING)

Technical Datasheet

METHOD SUMMARY

Static Headspace Analysis (outgassing) is performed by subjecting the sample in a sealed container to a controlled temperature for a fixed period of time. This procedure drives volatile compounds from the sample matrix into the atmosphere above the sample, called the headspace. This procedure is commonly used to simulate outgassing. The volatile components are then analyzed and quantified by Gas Chromatography (GC), and Mass Spectrometry (MS).

TEST STANDARD

IDEMA Microcontamination Standard M8-g8

Total Out-gassing by Static Headspace GC/MS

TEST RESULTS

Figure 1. GP-LCS2-LID-E Testing Results

<u>Compound</u>	<u>µg/g</u>
Hydrocarbons	45.5
Total outgassing at 50° C for 12 hours.	

SUMMARY

GP-LCS2-LID-E shows low volatiles up to 50° C for a 12 hour period.

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