



CERTIFIED WEIGHT REPORT

Part Number: **72478**
 Lot Number: **090426**
 Description: **2-Isobutyl-3-methoxypyrazine**

Solvent(s):
 Methanol
 Lot#
 EJ980-US

<i>Eli Aliaga</i>		090426
Formulated By:	Eli Aliaga	DATE
<i>Pedro L. Rentas</i>		090426
Reviewed By:	Pedro L. Rentas	DATE

Expiration Date: 090431

Recommended Storage: Refrigerate (2°C to 8°C)

Nominal Concentration (µg/mL): 1000

NIST Test ID#: 6UTB

5E-05 Balance Uncertainty

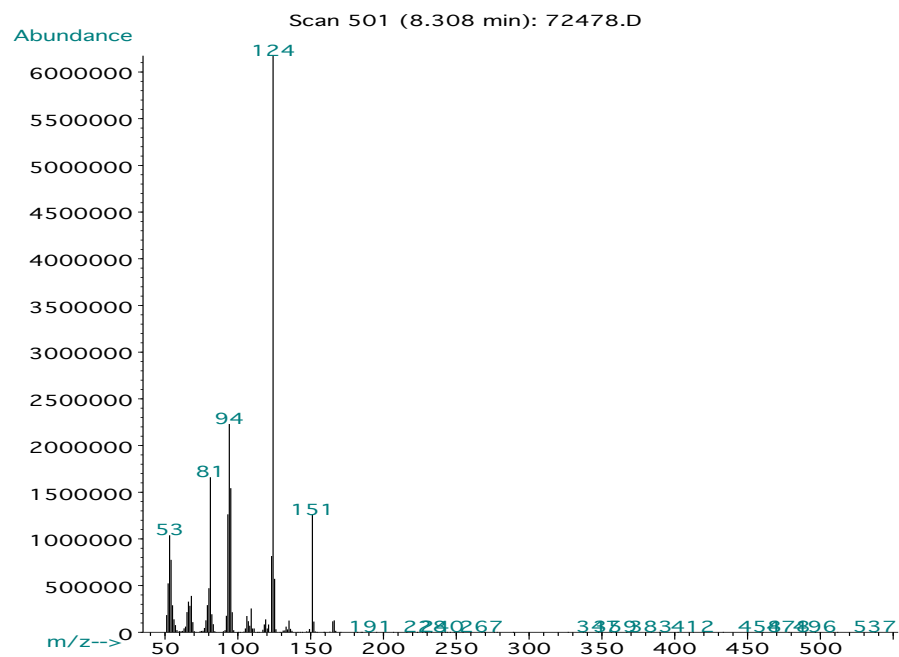
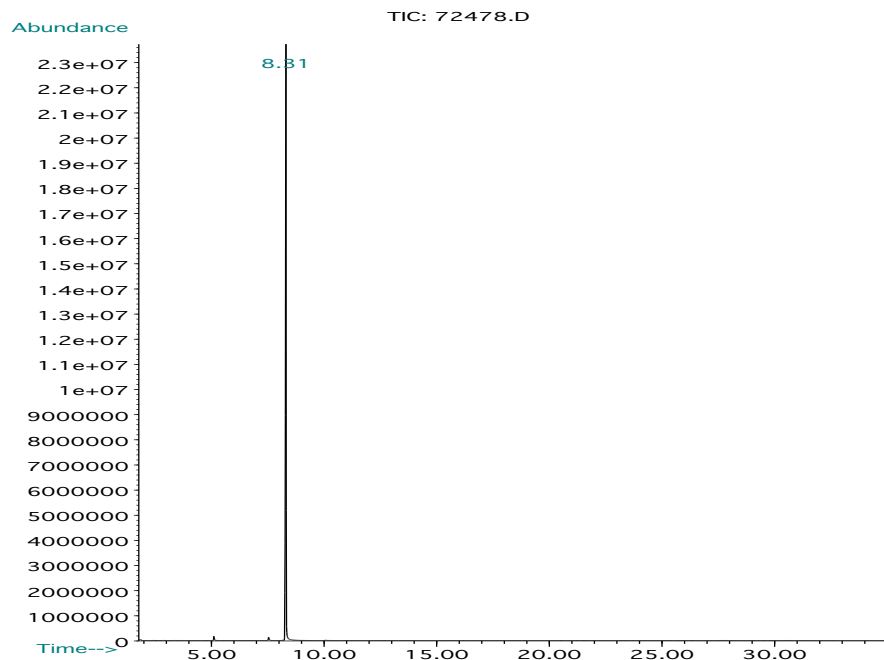
Weight(s) shown below were combined and diluted to (mL): 30.0 0.002 Flask Uncertainty

Expanded
 Uncertainty
 (Solvent Safety Info. On Attached pg.)
 CAS# OSHA PEL (TWA) LD50

SDS Information

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity (%)	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) µg/mL	CAS#	OSHA PEL (TWA)	LD50
1. 2-Isobutyl-3-methoxypyrazine	2478	03528MS	1000	99	0.2	0.03032	0.03039	1002.2	5.2	24683-00-9	N/A	N/A

Method GC8MSD-3.M: Column:SPB-5 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 50°C (1min.), Temp 2 = 300°C (9min.), Rate = 10°C/min., Injector B = 200°C, Detector B = 275°C, Split Ratio = 100:1, Scan Rate = 2. Analysis performed by: Gina McLane.



- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
 - Standards are prepared gravimetrically using balances that are calibrated by an ISO 17025 certified organization with weights traceable through NIST to the SI kilogram (see above).
 - Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
 - All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
 - Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).
- Rev 1.0, 2/25/2025