

Certificate of Analysis

Reference Material & Standard

Product Name:	74-82-8 OP0UW79H66 Methane Methane in gaseous state R 50 (refrigerant) 4-01-00-00003 (Beilstein Handbook Reference) Biogas BRN 1718732 EINECS 200-812-7 Fire Damp HSDB 167 Marsh gas Methyl hydride UNII-OP0UW79H66 EC 200-812-7 Methane, compressed or natural gas, compressed (with high methane content) [UN1971] [Flammable gas] Methane, refrigerated liquid (cryogenic liquid) or natural gas, refrigerated liquid (cryogenic liquid) (with high methane content) [UN1972] [Flammable gas] UN1971 UN1972 Methane, compressed or natural gas, compressed (with high methane content) Methane, refrigerated liquid (cryogenic liquid) or natural gas, refrigerated liquid (cryogenic liquid) (with high methane content)	Catalogue Number:	C1925103
Synonyms:	N/A	Lot Number:	0110-SA-7842
CAS Number:	74-82-8	Expiry Date:	Jan 09, 30
Molecular Formula:	[12C]H ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	16.03		

CATO Research Chemicals Inc.

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Solid
Identification:	LC&HNMR	Confirmed
Purity:	HPLC	96.704%

Signature:

Prepared by:

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Reviewed by:

Yuki

Approved by General Manager:

David

Date: Jan 10, 26

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Date: Jan 10, 26



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Directions:

1. *Intended use: This product is suitable for identification and quantification of the analyte(s), instrument calibration, method development and quality control in analytical and R&D applications. It is not intended for administration to humans or animals, and shall not be used to diagnose, treat or cure any diseases.*
2. *Minimum sample size: 1mg is recommended as the minimum sample size.*
3. *Metrological traceability: This product meets the requirements of ISO 17034 and is traceable to NMI through an unbroken chain of comparisons.*
4. *Instructions for handling and correct use: Handling in a well-ventilated place.*

Document Version:

Revision No.	Date	Reason for Revision
01	Jan 10, 26	First release.

