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Product Specification

Product Name:

Methane – electronic grade, ≥99.998%

Product Number:

463035

CAS Number:

74-82-8

MDL:

MFCD00008279

Formula:

CH₄

Formula Weight:

16.04 g/mol



TEST	Specification
Purity	≥ 99.998 %
Methane	
Ethane	≤ 5.0 ppm
Carbon Monoxide	≤ 2.0 ppm
Carbon Dioxide	≤ 2.0 ppm
Hydrogen	≤ 50.0 ppm
Water Content	≤ 3.0 ppm
Nitrogen	≤ 5.0 ppm
Miscellaneous Assay	≤ 2.0
Oxygen and Argon (ppm)	

Specification: PRD.0.ZQ5.10000033001

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.