

Specification

Technical Data Sheet

CAS 67-56-1	STORAGE Ambient	MOLECULAR WEIGHT 32.04
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PRODUCT**Methanol for LC-MS**

Product number	90033482
CAS number	67-56-1
Molecular formula	CH ₃ OH
Molecular weight	32.04 g/mol

PARAMETER	SPECIFICATION
Purity	≥ 99.98%
Water	≤ 0.01%
Acidity	<0.0003 meq/g
Alkalinity	<0.0002 meq/g
Fluorescence (as quinine)	254nm <1 ppb; 365nm <1 ppb
Gradient Use Test	230nm <0.002 AU; 254nm <0.002 AU
Residue	≤ 0.0001%
Suitability for LC-MS	passes test
Trace Impurities	Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each Al, Ca <25 ppb each Na <50 ppb
Transmission	205nm >10%; 210nm >50%; 225nm >80%; 240nm >95%; 265-400nm >99%

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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