

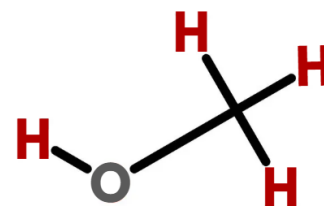


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## Product Specification

# METHANOL 99.9% FOR HPLC GRADIENT PREMIUM GRADE

**CAT. NO.** : GP0203  
**GRADE** : GP  
**CAS NO.** : 67-56-1  
**FORMULA** : CH<sub>3</sub>OH  
**M.W.** : 32.04



Minimum assay (GC)

99.9%

Identity

IR passes test

Suitability for gradient acc. to ACS

Passes test

Wt. per. ml at 20°C

0.791 - 0.792 g

### Maximum limits of impurities:

Acidity

0.0002 meq/g

Alkalinity

0.0002 meq/g

Insoluble matter in H<sub>2</sub>O

Passes test

Nonvolatile matter

0.0002%

Reducing substances to KMnO<sub>4</sub>

Passes test

Darkened substances by H<sub>2</sub>SO<sub>4</sub>

Passes test

Carbonyl compounds

(as CH<sub>3</sub>COCH<sub>3</sub>)

0.001%

Water (H<sub>2</sub>O)

0.03%

DATE: 01.07.2025

**Remarks:** The above-mentioned batch material is compliance with the standard specifications of High Purity Laboratory Chemicals Pvt. Ltd.



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## Product Specification

### Gradient at:

235 nm	< 2 mUA
254 nm	< 1 mUA

### Fluorescence (as quinine):

254 nm	< 1 ppb
365 nm	< 0.5 ppb

### UV Spectrum (1 cell; Ref.: water)

#### Absorbance at:

205 nm (cut off)	1.0
210 nm	0.5
220 nm	0.2
230 nm	0.1
250 nm	0.05

#### Transmission at:

205 nm (cut off)	21%
210 nm	43%
220 nm	68%
230 nm	84%
240 nm	93%

Filter through 0.2 µm membrane.

DATE: 01.07.2025

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