

Technical Data Sheet



AMT106007 **Methanol Gradient grade for liquid chromatography**

TATChrosolve®

General product Information:

CAS number	67-56-1
Synonyms	MeOH, Hydroxymethane, Methyl alcohol, Carbinol
Overview	With their high degree of UV transmittance, low particle count, low acidity and alkalinity and low evaporation residue level, TATChrosolv® solvents are ideal for reproducible separations. Since separations are normally carried out under gradient conditions in analytical HPLC, we offer solvents in "gradient grade" as well as "isocratic grade". This enables to minimize the gradient effect of the solvent involved.
Grade	Reag. Ph Eur
Hill Formula	CH ₄ O
Chemical formula	CH ₃ OH
Molar Mass	32.04 g/mol
HS Code	2905 11 00
Structure formula	
Image	H ₃ C—OH

Chemical/Physical Data:

Boiling point	64.5 °C (1013 hPa)
Density	0.792 g/cm ³ (20 °C)
Evaporation number	6.3
Explosion limit	5.5 - 44 %(V)
Flash point	10 °C
Ignition temperature	455 °C DIN 51794
Melting Point	-98 °C
Vapor pressure	128 hPa (20 °C)
Refractive Index	1.33
Solubility	(20 °C) soluble

Toxicological Data:

LD 50 oral	LD50 Rat 5628 mg/kg
LD 50 dermal	LD50 Rabbit 17100 mg/kg

Packaging Information:

Order Number	Package	Packaging
AMT106007.1000	1 L	Glass Bottle
AMT106007.2500	2.5 L	Glass Bottle
AMT106007.4000	4 L	Glass Bottle