

Technical Specification

PRODUCT : Methanol PREMIUM - UHPLC-MS

CODE : 414941

MOLECULAR WEIGHT : 32,04

CAS N° : 67-56-1

FORMULA : CH₃OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 5
Identification (I.R.)	-	Positive
Refractive index at 20°C	-	1.3270 - 1.3300
Residue on evaporation	ppm	<= 1
Water (K.F.)	ppm	<= 200
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.00006
Assay (GC)	%	>= 99.99
UV Transmittance	-	-
at 210 nm	%	>= 40
at 225 nm	%	>= 70
at 230 nm	%	>= 80
from 260 nm	%	>= 98
Fluorescence (quinine)	-	-
at 254 nm	ppb	<= 1
at 365 nm	ppb	<= 1
UHPLC gradient peak	-	-
at 220 nm	mAU	<= 4
at 235 nm	mAU	<= 2
at 254 nm	mAU	<= 1
Drift at 220 nm	mAU	<= 30
Drift at 235 nm	mAU	<= 10
Test LC-MS TIC (50-2000m/z) ESI (+)	-	-
Sensitive Impurities (reserpine)	ppb	<= 30
Metals compounds	-	-
Al	ppb	<= 20
Fe	ppb	<= 20
Na	ppb	<= 50
Ca	ppb	<= 50
Mg	ppb	<= 20
K	ppb	<= 50

Metals compounds : mesured at batch release

Filtered through a 0.1 µm membrane

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It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application. CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Date: 03/08/2026

Approved electronically, valid without a signature

QC MANAGER

PATRICK GUERARD

PEYPIN