

Certificate of Analysis

PRODUCT : Methanol RS For HPLC PLUS Gradient grade

CODE : 412383

LOT N° : V2B128142C

MOLECULAR WEIGHT : 32,04

RE-TEST DATE : 03/2026

CAS N° : 67-56-1

FORMULA : CH3OH

TEST	U.M.	SPECIFICATION	RESULT
Description	-	Clear colourless liquid	Conform
Identification (I.R.)	-	Positive	Conform
Acidity	meq/g	<=0.0005	<0.0003
Alcalinity	meq/g	<=0.0002	<0.00006
Density at 20°C	-	0.7910 - 0.7930	0.7910
Boiling point	°C	64.1 - 65.1	64.4
Water (K.F.)	%	<=0.02	0.005
Residue on evaporation	ppm	<=5	5
Assay (GC)	%	>=99.9	99.9
HPLC Gradient	-	Conform	Conform
UV Transmittance	-	-	-
Fluorescence	-	-	-
at 210 nm	%	>=30	33
at 220 nm	%	>=50	59
at 235 nm	%	>=80	85
at 235 nm	mAU	<= 2	<2
at 254 nm	mAU	<= 1	<1
at 254 nm	ppb	<=1	<1
at 260 nm	%	>=98	98
at 365 nm	ppb	<=1	< 1
Refractive index at 20°C	-	1.3278 - 1.3298	1.3288
Ethanol	ppm	<= 200	<50
Carbonyl compounds (as CO)	ppm	<= 20	<20

Binary gradient test conditions water-methyl alcohol from 0 to 100% of methyl alcohol in 30 min at 1.5 ml/min

Filtered at 0.2 micron

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.

Approve Date : 04/03/2022

Approved electronically, valid without a signature

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)