DASITGROUP | CARLO ERBA REAGENTS

ISO 9001: 2015

Carlo Erba Reagents S.A.S.
Parc d'Affaires des Portes
Chaussée du Vexin - BP 616
27106 Val de Reuil Cedex
Tél. : 02.32.09.20.00
Fax : 02.32.09.20.20

21 route Raymonde CUESTA
13124 PEYPIN
Tél.: 04.42.32.41.41
Fax : 04.42.72.41.62

Carlo Erba Reagents S.r.l.
Via R. Merendi, 22
20010 Cornaredo (Mi)
Tel. : 02 93 991 90
Fax : 02 93 991 001

Technical Specification

PRODUCT : Methanol EXPERT - LC-MS, far UV

CODE : 414830

MOLECULAR WEIGHT : 32.04

CAS N° : 67-56-1

FORMULA : CH3OH

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Refractive index at 20°C	-	1.3270 - 1.3310
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.00006
Residue on evaporation	ppm	<= 2
Water (K.F.)	ppm	<= 200
Assay (GC)	%	>= 99.95
UV transmittance (1 cm , ref. water)	-	-
at 210 nm	%	>= 30
at 225 nm	%	>= 65
at 235 nm	%	>= 85
at 250 nm	%	>= 95
from 260 nm	%	>= 98
Fluorescence (quinine)	-	-
at 254 nm	ppb	<= 1
at 365 nm	ppb	<= 1
HPLC Gradient	-	-
at 235 nm	mAU	<= 2
at 254 nm	mAU	<= 1
Test LC-MS TIC (50-2000m/z) ESI (+)	-	-
Sensitive Impurities (reserpine)	ppb	<= 50
Metals compounds	-	-
Al	ppb	<= 50
Fe	ppb	<= 50
Na	ppb	<= 50
Ca	ppb	<= 50
Mg	ppb	<= 50
K	ppb	<= 50

Filtered at 0.1 micron.
HPLC gradient : H2O/Methanol from 5 to 90% in methanol, 16 min, flow 1.8ml/min.
Metals compounds : mesured at batch release.

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Technical Specification

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: 19/10/2026

Approved electronically, valid without a signature

QUALITY LABORATORY
TECHNICIAN
Emeline MELANDRI

PEYPIN