

Technical Specification

PRODUCT : Methanol RS For HPLC GOLD Ultragradient grade

CODE : 412720

MOLECULAR WEIGHT :32,04

CAS N° : 67-56-1

FORMULA : CH3OH

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Positive
Density at 20°C	-	0.7910 - 0.7930
Refractive index at 20°C	-	1.3270 - 1.3300
Distillation range	°C	64.1 - 65.1
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.00006
Water (K.F.)	%	<= 0.02
Residue on evaporation	ppm	<= 5
Carbonyl compounds (as acetone)	ppm	<= 20
Ethanol	ppm	<= 50
Subs. reducing KMnO4	ppm	<= 2
Assay (GC)	%	>= 99.9
Fluorescence	-	-
at 254 nm	ppb	<= 1
at 365 nm	ppb	<= 1
UV Transmittance	-	-
at 210 nm	%	>= 30
at 220 nm	%	>= 55
at 225 nm	%	>= 65
at 235 nm	%	>= 85
at 240 nm	%	>= 90
at 250 nm	%	>= 95
at 260 nm	%	>= 98
Functionality for HPLC	-	-
at 235 nm	mAU	<= 2
at 254 nm	mAU	<= 1
HPLC Gradient	-	-

Filtered at 0.2 micron

Suitable for UPLC

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

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