

# Standard Analysis Certificate

**PRODUCT** :METHANOL PLUS RS For HPLC  
**CODE** :412380  
**METHOD** :7203

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Identification	-	Positive
Density at 20° C	-	0.7917 ÷ 0.7921
Refractive index at 20°C	-	1.3278 ÷ 1.3298
Boiling point	° C	64.1 ÷ 65.1
Water (K.F.)	%	<=0.02
Residue on evaporation	ppm	<=5
Acidity	meq/g	<=0.0005
Alcalinity	meq/g	<=0.0002
Assay (GLC)	%	>=99.9
Fluorescence	-	-
at 254 nm	ppb	<=1
at 365 nm	ppb	<=1
U.V. Transmittance	-	-
at 210 nm	%	>=30
at 220 nm	%	>=50
at 235 nm	%	>=80
at 260 nm	%	>=98
Carbonyl compounds (CO)	ppm	<= 20
Ethyl alcohol	ppm	<= 200
HPLC Gradient	-	-
At 235 nm	mAU	<= 2
At 254 nm	mAU	<= 1

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

Date

:11/01/2020

**QUALITY CONTROL RESPONSIBLE**

**B. COULANGE (VDR)**