

# Standard Analysis Certificate

**PRODUCT :ACETONITRILE RS GOLD For HPLC- Ultragradient**
**CODE :412370000**

TEST	U.M.	SPECIFICATION
Description	-	Clear liquid
Colour (APHA)	-	<= 10
Identification	-	Positive
Miscb. with Acetone	-	Conform
Water miscibility	-	Conform
Miscibility in ether	-	Conform
Miscibility in methanol	-	Conform
Density at 20°C	-	0.781 ÷ 0.785
Refractive index at 20°C	-	1.342 ÷ 1.344
Distillation range	°C	80.5 ÷ 82.5
Water (KF)	ppm	<= 100
Residue on evaporation	ppm	<= 2
Acidity	meq/g	<= 0.0003
Alcalinity	meq/g	<= 0.0002
Assay (GLC)	%	>= 99.9
Fluorescence (quinine)	-	-
At 254 nm	ppb	<= 1
At 365 nm	ppb	<= 0.5
At 450 nm	ppb	<= 0.5
Absorbance	-	-
At 190 nm	AU	<= 0.6
At 200 nm	AU	<= 0.03
At 220 nm	AU	<= 0.01
At 254 nm	AU	<= 0.005
Transmittance	-	-
At 195 nm	%	>= 80
At 200 nm	%	>= 95
At 228 nm	%	>= 99
From 230 to 420 nm	%	>= 99
Functionality for HPLC	-	-
At 210 nm	mAU	<= 1
At 254 nm	mAU	<= 0.2
drift at 210 nm	mA.U.	<= 12
HPLC Gradient	-	Passed test
UV cut off	nm	<= 190

Filtered at 0.1 micron

Date

:11/01/2020

**QUALITY CONTROL RESPONSIBLE**
**B. COULANGE (VDR)**