

Standard Analysis Certificate

PRODUCT :ACETONITRILE RS PLUS - For HPLC Gradient- ACS- Reag.Ph.Eur.- Reag.USP.
CODE :412390000

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour (APHA)	-	<= 10
Identification	-	Positive
Density at 20° C	-	0.781 ÷ 0.785
Refractive index at 20°C	-	1.3420 ÷ 1.3443
Distillation range 95% distils between	°C	80 ÷ 82
Titration acid	meq/g	<= 0.0008
Titration base	meq/g	<= 0.0002
Residue on evaporation	%	<= 0.0002
Water (K.F.)	%	<= 0.01
Litmus paper test	-	Conform
Assay (GLC)	%	>= 99.9
Fluorescence	-	-
at 254 nm	ppb	<= 1
at 365 nm	ppb	<= 0.5
at 450 nm	ppb	<= 0.5
U.V. Transmittance	-	-
at 195 nm	%	>= 79
at 200 nm	%	>= 90
at 210 nm	%	>= 95
at 220 nm	%	>= 98
From 240 to 420 nm	%	>= 98
Absorbance	-	-
At 190 nm	AU	<= 1.00
At 200 nm	AU	<= 0.05
At 220 nm	AU	<= 0.05
At 254 nm	AU	<= 0.01
From 240 to 420 nm	AU	<= 0.01
Absorbance ACS	-	Pass test
Gradient elution ACS	-	pass test
Functionality for HPLC	-	-
At 210 nm	mAU	<= 2
At 254 nm	mAU	<= 0.8

Filtered at 0.2 micron

Date

:11/05/2019

QUALITY CONTROL RESPONSIBLE
B. COULANGE (VDR)