

# Standard Analysis Certificate

**PRODUCT** :ACETONITRILE RS UHPLC-MS  
**CODE** :412040  
**METHOD** :20274

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 5
Identification (I.R.)	-	Positive
Refractive index at 20°C	-	1.342 - 1.346
Residue on evaporation	ppm	<= 1
Acidity	meq/g	<= 0.0003
Alkalinity	meq/g	<= 0.0002
Assay (CPG)	%	>= 99.99
Water (K.F.)	ppm	<= 100
Transmittance	-	-
At 191 nm	%	>= 40
At 195 nm	%	>= 80
At 200 nm	%	>= 95
At 215 nm	%	>= 97
>= 230 nm	%	>= 99
Absorbance	-	-
At 191 nm	AU	<= 0.4
At 200 nm	AU	<= 0.03
At 220 nm	AU	<= 0.01
At 254 nm	AU	<= 0.005
Fluorescence (quinine)	-	-
At 254 nm	ppb	<= 1
At 365 nm	ppb	<= 0.5
At 450 nm	ppb	<= 0.5
UHPLC gradient peak	-	-
At 210 nm	mAU	<= 0.4
At 254 nm	mAU	<= 0.2
Drift at 210 nm	mAU	<= 6
Drift at 254 nm	mAU	<= 2
Test LC-MS TIC (50-2000m/z) ES I(+)	-	-
Sensitive Impurities (reserpine)	ppb	<= 30
Metals compounds	-	-
Al	ppb	<= 20
Fe	ppb	<= 20
Na	ppb	<= 50
Ca	ppb	<= 50
Mg	ppb	<= 20
K	ppb	<= 50

UV cut off 190 nm  
 Metals compounds : measured at batch release

Date :11/01/2020

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