

Standard Analysis Certificate

PRODUCT :ACETONITRILE RS For LC - MS
CODE :412342
METHOD :20274

TEST	U.M.	SPECIFICATION
Description	-	Clear colourless liquid
Colour	APHA	<= 10
Identification (I.R.)	-	Conform
Refractive index at 20°C	-	1.342 ÷ 1.346
Water (K.F.)	ppm	<= 100
Residue on evaporation	ppm	<= 2
Acidity	meq/g	<= 0.0005
Alkalinity	meq/g	<= 0.0002
Assay (GLC)	%	>= 99.95
Transmission UV (1cm, ref water)	-	-
At 195 nm	%	>= 80
At 200 nm	%	>= 95
At 220 nm	%	>= 98
>= 230 nm	%	>= 99
Fluorescence (quinine)	-	-
At 254 nm	ppb	<= 1
At 365 nm	ppb	<= 0.5
HPLC gradient	-	-
At 210 nm	mAU	<= 1
At 254 nm	mAU	<= 0.2
Test LC-MS TIC (50-2000m/z) ESI (+)	-	-
Sensitive Impurities (reserpine)	ppb	<= 50
Metals compounds	-	-
Al	ppb	<= 50
Fe	ppb	<= 50
Na	ppb	<= 50
Ca	ppb	<= 50
Mg	ppb	<= 50
K	ppb	<= 50

Filtered at 0.1 micron
 UV cut off 190 nm
 HPLC gradient : H2O/Acetonitril from 5 to 90% in acetonitril, 16 min, flow 1.8ml/min
 Metals compounds : mesured at batch release

Date

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)