

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

:11/01/2020

QUALITY CONTROL RESPONSIBLE

B. COULANGE (VDR)