

Technical Specification

PRODUCT : Water + 0.1% v/v formic acid RS For LC/MS

CODE : 412120

| TEST | U.M. | SPECIFICATION |
|-------------------------------------|------|-------------------------|
| Description | - | Clear colourless liquid |
| Colour | APHA | <= 10 |
| Acidity (formic acid) | % | 0.095 - 0.105 |
| HPLC Gradient | - | - |
| at 210 nm | mAU | <= 50 |
| at 254 nm | mAU | <= 10 |
| UV Transmittance | - | - |
| at 210 nm | % | >= 5 |
| at 230 nm | % | >= 45 |
| at 254 nm | % | >= 99 |
| pH at 20°C | - | 2.6 - 2.8 |
| Test LC-MS TIC (100-2000m/z) ESI(+) | - | - |
| Sensitive Impurities (reserpine) | ppb | <= 50 |
| Metals content | - | - |
| Al | ppb | <= 20 |
| Fe | ppb | <= 30 |
| Ca | ppb | <= 50 |
| Mg | ppb | <= 20 |
| Na | ppb | <= 100 |
| K | ppb | <= 50 |
| Raw material used | - | - |
| Water (code 412110) | - | Batch number |
| Formic acid 98-99% (code 405820) | - | Batch number |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.
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