

## WATER WITH 0,1% AMMONIUM ACETATE

AG0010 Water with 0,1% ammonium acetate, LC-MS

- Density: ~ 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, chromatography.

ammonium acetate content (w/v) . . . . . 0,093 - 0,107 %  
 pH (20 °C) . . . . . 6,8 - 7,2  
 calcium (Ca) . . . . . max. 0,5 ppm  
 magnesium (Mg) . . . . . max. 0,5 ppm  
 potassium (K) . . . . . max. 0,5 ppm  
 sodium (Na) . . . . . max. 2 ppm  
 suitability for use in LC-MS . . . . . passes test  
 gradient grade (210 nm)  
 maximum peak absorbance: max. 0,01 AU  
 gradient grade (254 nm)  
 maximum peak absorbance: max. 0,01 AU

min. transmission/max. absorbance in a 1,0 cm cell  
 at wavelength T(%) A (AU)  
 210 nm . . . . . 20 % 0,699 AU  
 230 nm . . . . . 90 % 0,046 AU  
 254 nm . . . . . 99 % 0,004 AU  
 Microfiltered through membranes of pore diameter  
 0,22 µm

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AG00101000 | 1 l    | 0         |

## WATER WITH 0,1% FORMIC ACID

AG0008 Water with 0,1% formic acid, LC-MS

- Density: ~ 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, chromatography.

formic acid content (v/v) . . . . . 0,093 - 0,107 %  
 pH (20 °C) . . . . . 2,6 - 2,8  
 calcium (Ca) . . . . . max. 0,5 ppm  
 magnesium (Mg) . . . . . max. 0,5 ppm  
 potassium (K) . . . . . max. 0,5 ppm  
 sodium (Na) . . . . . max. 2 ppm  
 suitability for use in LC-MS . . . . . passes test  
 gradient grade (210 nm)  
 maximum peak absorbance: max. 0,05 AU  
 gradient grade (254 nm)  
 maximum peak absorbance: max. 0,01 AU

min. transmission/max. absorbance in a 1,0 cm cell  
 at wavelength T(%) A (AU)  
 210 nm . . . . . 5 % 1,301 AU  
 230 nm . . . . . 45 % 0,347 AU  
 254 nm . . . . . 99 % 0,004 AU  
 Microfiltered through membranes of pore diameter  
 0,22 µm

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AG00081000 | 1 l    | 0         |

## WATER WITH 0,1% TRIFLUOROACETIC ACID

AG0007 Water with 0,1% trifluoroacetic acid, LC-MS

- Density: ~ 1,00 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, chromatography.

trifluoroacetic acid content (v/v) . . . . . 0,093 - 0,107 %  
 pH (20 °C) . . . . . 1,8 - 2,0  
 calcium (Ca) . . . . . max. 0,5 ppm  
 magnesium (Mg) . . . . . max. 0,5 ppm  
 potassium (K) . . . . . max. 0,5 ppm  
 sodium (Na) . . . . . max. 2 ppm  
 suitability for use in LC-MS . . . . . passes test  
 gradient grade (210 nm)  
 maximum peak absorbance: max. 0,05 AU  
 gradient grade (254 nm)  
 maximum peak absorbance: max. 0,01 AU

min. transmission/max. absorbance in a 1,0 cm cell  
 at wavelength T(%) A (AU)  
 210 nm . . . . . 25 % 0,602 AU  
 230 nm . . . . . 85 % 0,071 AU  
 254 nm . . . . . 99 % 0,004 AU  
 Microfiltered through membranes of pore diameter  
 0,22 µm

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AG00071000 | 1 l    | 0         |

## WIJS SOLUTION

RE0070 Wijs solution, ICI solution 0,1 mol/l (0,2 N)



- ICI
- Density: 1,06 g/cm<sup>3</sup>
- Solub. in water: (20 °C): miscible (decomposes)
- Flash pt. 40 °C
- LD 50 (oral, rat): 3310 mg/kg (chief component)
- ADR: 8 CF1 II UN 2920
- IMDG: 8 II UN 2920
- IATA/ICAO: 8 II UN 2920
- GHS-signal word: Danger

- GHS-H sentences: H314 - H226 - H312
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 3822 00 00 00
- Applications: analytical chemistry, for determination of iodine index.
- Appearance: Brown liquid

suitability for det. of iodine index . . . . . passes test

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| RE00700500 | 500 ml | 0         |
| RE00701000 | 1 l    | 0         |