

## AC0143 Ethyl acetate, extra pure, Pharmapur®, Ph Eur, BP, NF



assay (G.C.) . . . . . 98,0 - 102,0 %  
 identification . . . . . passes test  
 density (20°/20°) . . . . . 0,898 - 0,902  
 density (25°/25°) . . . . . 0,894 - 0,898  
 refractive index n<sub>20</sub>/D . . . . . 1,370 - 1,373  
 appearance of solution . . . . . clear and colourless  
 acidity . . . . . passes test  
 substances darkened by H<sub>2</sub>SO<sub>4</sub> . . . . . passes test  
 related substances . . . . . passes test

residue on evaporation . . . . . max. 30 ppm  
 water (K.F.) . . . . . max. 0,1 %  
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC01431000 | 1 l    |           |
| AC01432500 | 2,5 l  |           |
| AC0143005L | 5 l    |           |
| AC0143025A | 25 l   |           |
| AC0143025S | 25 l   |           |
| AC0143200L | 200 l  |           |

## AC0145 Ethyl acetate, ExpertQ®, for analysis, ACS, ISO, Reag. Ph Eur



assay (G.C.) . . . . . min. 99,8 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 0,900 - 0,902  
 density (20°/20°) . . . . . 0,898 - 0,902  
 appearance . . . . . clear  
 colour (Hazen) . . . . . max. 10  
 boiling point . . . . . 76 - 78 °C  
 acidity . . . . . max. 0,0008 meq/g  
 aluminium (Al) . . . . . max. 0,5 ppm  
 barium (Ba) . . . . . max. 0,1 ppm  
 boron (B) . . . . . max. 0,02 ppm  
 cadmium (Cd) . . . . . max. 0,05 ppm  
 calcium (Ca) . . . . . max. 0,5 ppm  
 chromium (Cr) . . . . . max. 0,02 ppm  
 cobalt (Co) . . . . . max. 0,02 ppm

copper (Cu) . . . . . max. 0,02 ppm  
 iron (Fe) . . . . . max. 0,1 ppm  
 lead (Pb) . . . . . max. 0,1 ppm  
 magnesium (Mg) . . . . . max. 0,1 ppm  
 manganese (Mn) . . . . . max. 0,02 ppm  
 nickel (Ni) . . . . . max. 0,02 ppm  
 tin (Sn) . . . . . max. 0,1 ppm  
 zinc (Zn) . . . . . max. 0,1 ppm  
 ethanol (G.C.) . . . . . max. 0,1 %  
 methanol (G.C.) . . . . . max. 0,1 %  
 methyl acetate (G.C.) . . . . . max. 0,1 %  
 substances darkened by H<sub>2</sub>SO<sub>4</sub> . . . . . passes test  
 residue on evaporation . . . . . max. 0,001 %  
 water (K.F.) . . . . . max. 0,05 %

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC01451000 | 1 l    |           |
| AC01452500 | 2,5 l  |           |
| AC0145005P | 5 l    |           |
| AC0145007E | 7 l    |           |
| AC0145025S | 25 l   |           |
| AC0145025P | 25 l   |           |
| AC0145030S | 30 l   |           |

## AC0155 Ethyl acetate, Multisolvant® HPLC grade ACS ISO UV-VIS



assay (G.C.) . . . . . min. 99,8 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 0,900 - 0,902  
 appearance . . . . . clear  
 colour (Hazen) . . . . . max. 10  
 acidity or alkalinity . . . . . max. 0,0002 meq/g  
 aluminium (Al) . . . . . max. 0,1 ppm  
 barium (Ba) . . . . . max. 0,01 ppm  
 boron (B) . . . . . max. 0,02 ppm  
 cadmium (Cd) . . . . . max. 0,01 ppm  
 calcium (Ca) . . . . . max. 0,3 ppm  
 chromium (Cr) . . . . . max. 0,02 ppm  
 cobalt (Co) . . . . . max. 0,02 ppm  
 copper (Cu) . . . . . max. 0,02 ppm  
 iron (Fe) . . . . . max. 0,02 ppm  
 lead (Pb) . . . . . max. 0,1 ppm  
 magnesium (Mg) . . . . . max. 0,1 ppm  
 manganese (Mn) . . . . . max. 0,01 ppm  
 nickel (Ni) . . . . . max. 0,02 ppm

tin (Sn) . . . . . max. 0,1 ppm  
 zinc (Zn) . . . . . max. 0,01 ppm  
 ethanol (G.C.) . . . . . max. 0,1 %  
 methanol (G.C.) . . . . . max. 0,1 %  
 methyl acetate (G.C.) . . . . . max. 0,1 %  
 substances darkened by H<sub>2</sub>SO<sub>4</sub> . . . . . passes test  
 residue on evaporation . . . . . max. 0,0002 %  
 water (K.F.) . . . . . max. 0,03 %  
 liquid chromatography suitability  
 absorbance . . . . . passes test  
 min. transmission/max. absorbance in a 1,0 cm cell at  
 wavelength T(%) A (AU)  
 255 nm . . . . . 20 % 0,699 AU  
 260 nm . . . . . 50 % 0,301 AU  
 263 nm . . . . . 80 % 0,097 AU  
 265 nm . . . . . 90 % 0,046 AU  
 280 nm . . . . . 98 % 0,009 AU  
 Microfiltered through membranes of pore diameter  
 0,22 µm

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC01551000 | 1 l    |           |
| AC01552500 | 2,5 l  |           |
| AC01554000 | 4 l    |           |
| AC0155007E | 7 l    |           |
| AC0155025S | 25 l   |           |

## AC0158 Ethyl acetate, LC-MS



assay (G.C.) . . . . . min. 99,8 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 0,900 - 0,902  
 alkalinity . . . . . max. 0,0002 meq/g  
 calcium (Ca) . . . . . max. 0,1 ppm  
 magnesium (Mg) . . . . . max. 0,1 ppm  
 potassium (K) . . . . . max. 0,1 ppm  
 sodium (Na) . . . . . max. 0,1 ppm  
 residue on evaporation . . . . . max. 0,0005 %

water (K.F.) . . . . . max. 0,03 %  
 suitability for use in LC-MS . . . . . passes test  
 min. transmission/max. absorbance in a 1,0 cm cell at  
 wavelength T(%) A (AU)  
 255 nm . . . . . 20 % 0,699 AU  
 258 nm . . . . . 50 % 0,301 AU  
 265 nm . . . . . 90 % 0,046 AU  
 Microfiltered through membranes of pore diameter  
 0,22 µm

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC01581000 | 1 l    |           |
| AC01582500 | 2,5 l  |           |

## AC0148 Ethyl acetate, for GC residue analysis



assay (G.C.) . . . . . min. 99,8 %  
 identity (IR-spectrum) . . . . . passes test  
 density (20°/4°) . . . . . 0,900 - 0,902  
 residue on evaporation . . . . . max. 0,0001 %  
 water (K.F.) . . . . . max. 0,02 %

Suitable for organohalogenated pesticide and dioxins, furans and PCBs residue analysis ECD, from 1,2,4-trichlorobenzene to decachlorobiphenyl, no peaks are obtained greater than 3 pg/ml as lindane. No peaks are obtained in vicinity of 2,4,5-trichlorobiphenyl.

| ART. NO.   | VOLUME | CONTAINER |
|------------|--------|-----------|
| AC01484000 | 4 l    |           |
| AC01481000 | 1 l    |           |
| AC01482500 | 2,5 l  |           |
| AC0148007E | 7 l    |           |
| AC0148025S | 25 l   |           |