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|----------------------|---|
| Material             | 20864.320   |
| Material description | Methanol  |
| Grade                | HiPerSolv CHROMANORM Reag. Ph. Eur. for HPLC - GRADIENT GRADE - suitable for UPLC/UHPLC instruments |
| CAS Number           | 67-56-1   |
| Molecular formula    | H <sub>3</sub> COH  |
| Molecular mass       | 32.04   |

| Characteristics | Specifications |
|-----------------|----------------|
|-----------------|----------------|

|                                    |                |
|------------------------------------|----------------|
| Assay (on anhydrous substance)     | ≥ 99.8 %       |
| Solubility in water                | Passes test    |
| Acidity                            | ≤ 0.0003 meq/g |
| Alkalinity                         | ≤ 0.0002 meq/g |
| Boiling point                      | 64 - 65 °C     |
| Density (20/20)                    | 0.791 - 0.793  |
| Evaporation residue                | ≤ 5 ppm        |
| Water                              | ≤ 0.03 %       |
| Absorbance (210 nm)                | ≤ 0.7          |
| Absorbance (220 nm)                | ≤ 0.3          |
| Absorbance (225 nm)                | ≤ 0.17         |
| Absorbance (230 nm)                | ≤ 0.13         |
| Absorbance (235 nm)                | ≤ 0.1          |
| Absorbance (250 nm)                | ≤ 0.02         |
| Absorbance (260 nm)                | ≤ 0.01         |
| Transmittance (210 nm)             | ≥ 20 %         |
| Transmittance (220 nm)             | ≥ 50 %         |
| Transmittance (225 nm)             | ≥ 68 %         |
| Transmittance (230 nm)             | ≥ 74 %         |
| Transmittance (235 nm)             | ≥ 80 %         |
| Transmittance (250 nm)             | ≥ 95 %         |
| Transmittance (260 nm)             | ≥ 98 %         |
| Transmittance (260-420 nm)         | ≥ 98 %         |
| Fluorescence (as quinine) (254 nm) | ≤ 1 ppb        |
| Conforms Ph.Eur. R 1053200         | Passes test    |
| Conforms Ph.Eur. R1 1053201        | Passes test    |
| Conforms Ph.Eur. R2 1053202        | Passes test    |
| Filtered through 0.2 µm            | Confirmed      |

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.



## Characteristics

Packaged under nitrogen

## Specifications

Confirmed

## Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

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