

Certificate of Analysis

Material : 20864.320

Methanol HiPerSolv CHROMANORM Reag. Ph. Eur. for HPLC - GRADIENT
GRADE - suitable for UPLC/UHPLC instruments

Batch : 15C200503

Expires end of 03/2020

CHARACTERISTICS	SPECIFICATIONS	MEASURED VALUES
Assay (on anhydrous substance)	Min. 99,8 %	100,0 %
Acidity	Max. 0,0003 meq/g	0,0002 meq/g
Alkalinity	Max. 0,0002 meq/g	Max. 0,0002 meq/g
Boiling point	64 --> 65 °C	65 °C
Density (20/20)	0,791 --> 0,793	0,793
Evaporation residue	Max. 5 ppm	Max. 5 ppm
Water	Max. 0,03 %	0,01 %
Transmittance (210 nm)	Min. 20 %	53 %
Transmittance (220 nm)	Min. 50 %	74 %
Transmittance (225 nm)	Min. 68 %	81 %
Transmittance (235 nm)	Min. 80 %	91 %
Transmittance (250 nm)	Min. 95 %	97 %
Transmittance (260 nm)	Min. 98 %	99 %
Fluorescence (as quinine) (254 nm)	Max. 1 ppb	Max. 1 ppb
Conforms Ph.Eur. R 1053200	Passes test	Passes test
Conforms Ph.Eur. R1 1053201	Passes test	Passes test
Conforms Ph.Eur. R2 1053202	Passes test	Passes test

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

BDL : Below detected limit.

Isabelle Habay, Head of laboratory - Briare

VWR International

Document printed on 03/2015

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