

## 34851 Acetonitrile CHROMASOLV™, for HPLC, gradient grade, ≥99.9% ACN; Methyl cyanide

### Specyfikacja:

Property	Value
APPEARANCE (COLOR)	Colorless
UV-ABSORBANCE	≤ 0.0044 AT 235NM
ACIDITY	≤ 0.001 % AS ACETIC ACID
ALKALINITY	≤ 0.0002 % AS NH <sub>3</sub>
MISCELLANEOUS TESTS	FLUORESCENCE 254 NM: ≤ 1.0 PPB AS QUININE FLUORESCENCE 365 NM: ≤ 0.5 PPB AS QUININE
EXPIRATION DATE PERIOD	3 YEARS
APPEARANCE (FORM)	Liquid
PURITY (GC AREA %)	99.9 - 100 % rel
SUITABILITY TEST (HPLC)	HPLC ABSORBANCE 210 NM: ≤ 3 MAU HPLC ABSORBANCE 254 NM: ≤ 0.5 MAU BASELINE DRIFT 210 NM: ≤ 15 MAU
WATER (COULOMETR.)	0 - 0.02 %
RESIDUE (EVAPORATION)	0 - 0.0005 %

### Właściwości fizyczne:

Property	Value
Impurities	≤1 ppb fluorescence (quinine) at 254 nm
UV absorption	λ: 400 nm A <sub>max</sub> : ≤0.0044
Density	0.7822 g/cm <sup>3</sup>
Assay	≥99.9%
Vapor pressure	72.8 mmHg ( 20 °C)
Grade	CHROMASOLV®
Vapor density	1.41 (vs air)
Absorption	HPLC-gradient/210 nm ≤3 mAU
Storage temp.	room temp
Expl. lim.	16 %
Mp	-48 °C(lit.)
Refractive index	n <sub>20/D</sub> 1.344(lit.)
Measuring range	≤15 mAU baseline drift, (210 nm)
Bp	81-82 °C(lit.)
Autoignition temp.	973 °F
Boiling point	82 °C
Freezing point	-46 °C

### Informacje dot. bezpieczeństwa:

Property	Value
Flashpoint	6 °C
Hazard Class	3
Package Group	II
UN ID	1648