

# 190 – 800 nm

## Fascinated by analytics.

Lab Essentials by EMD Millipore



The rainbow symbolizes a spectrum of visible light. Typically the range from **190 nm – 800 nm** refers to the wide spectrum of ultraviolet and visible wavelengths used in UV/VIS spectroscopy. Important applications for spectroscopy are the identification of unknown substances, and the determination of concentration of substances. Uvasol® solvents for spectroscopy have a specified transmission according to ACS and Reag Ph Eur regulations. The usage of Uvasol® products will prevent misinterpretation of analytical results caused by traces of UV/VIS, infrared or fluorescence contamination.

[www.emdmillipore.com/Uvasol](http://www.emdmillipore.com/Uvasol)

EMD Millipore is a division of Merck KGaA, Darmstadt, Germany



# Bright prospects: Products for spectroscopy

Uvasol® products and Certipur® UV/VIS standards are the ideal solution for spectroscopy



Uvasol® solvents

## Uvasol® solvents

- Highest optical purity – highest UV transmission
- Specified transmission in compliance with ACS and Reag Ph Eur
- Best chemical purity regarding fluorescence, water content and evaporation residue as well as acidity and alkalinity

## Ordering information (Available Q1 2013)

Product	Cat. No.	Product	Cat. No.
Acetone for spectr.   Uvasol®	100022	n-Hexane for spectr.   Uvasol®	104372
Acetonitrile for spectr.   Uvasol®	100016	Isooctane for spectr.   Uvasol®	104718
Carbon disulfide for spectr.   Uvasol®*	102210	Methanol for spectr.   Uvasol®	106002
Chloroform for spectr.   Uvasol®	102447	n-Pentane for spectr.   Uvasol®	107179
Dichloromethane for spectr.   Uvasol®	106048	Potassium bromide for spectr.   Uvasol®	104907
Diethyl ether for spectr.   Uvasol®	100930	Tetrachloroethylene for spectr.   Uvasol®	100965
N,N-Dimethylformamide for spectr.   Uvasol®	102937	Tetrahydrofuran for spectr.   Uvasol®	108110
Dimethyl sulfoxide for spectr.   Uvasol®	102950	Toluene for spectr.   Uvasol®	108331
n-Heptane for spectr.   Uvasol®	104366	Trifluoroacetic acid for spectr.   Uvasol®	108262

\* Available Q2 2013



Certipur® UV/VIS standards

## Certipur® UV/VIS standards

- For monitoring the function of UV/VIS spectrometers
- Ready-to-use and stable solutions in glass-ampoules

## Ordering information (Available Q3 2013)

Product	Cat. No.
UV/VIS standard 1   Potassium dichromate solution for the absorbance	108160
UV/VIS standard 1A   Potassium dichromate solution for the absorbance at 430 nm	104660
UV/VIS standard 2   Sodium nitrite solution for straylight testing	108161
UV/VIS standard 3   Sodium iodide solution for straylight testing	108163
UV/VIS standard 4   Potassium chloride solution for straylight testing	108164
UV/VIS standard 5   Toluene solution in hexane for testing the spectral resol. power	108165
UV/VIS standard 6   Holmium oxide solution reference material for the wavelength	108166



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EMD Millipore Corp  
290 Concord Rd.  
Billerica, MA 01821, USA  
[www.emdmillipore.com](http://www.emdmillipore.com)