



## **25-Hydroxy Vitamin D HPLC Material Safety Data Sheet**

**Catalog Number: 30-3400**

**Distributed by:**

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Material Safety Data Sheet (MSDS)  
 25-Hydroxy Vitamin D HPLC  
 Catalog Number: 30-3400

General safety notes:

1. The components of the kit are listed in the following table.
2. Each component is showed with its CAS number (Chemical Abstracts System Number), if available.
3. In the following the sources of supply for the kit components are summarized. Detailed safety data sheets are available from the respective company.
4. The test components which are made of human serum should be handled as recommended for any potentially infectious human serum or blood specimen. The univeral precautions for laboratory handling should be observed.
5. Not all reagents in the test package are tested for toxic effects. If there is no toxic characterization it does not imply that these reagents are harmless.

Chemicals and their sources of supply:

n-Hexane	Scharlau, St. Augustin
Isopropanol	Scharlau, St. Augustin
Ethanol	Merck, Darmstadt
Acetonitrile	Scharlau, St. Augustin
Methanol	Scharlau, St. Augustin

Reagent	CAS-number	Risk Phrase <sup>1</sup>	Safety Phrase <sup>1</sup>	Symbol <sup>2</sup>	Toxicity class
Mobile phase - n-Hexan - Isopropanol	110-54-3 67-63-0	11-48/20	7-9-16-24/25-29-51	F, Xn	4,F
Standard ethanolic - Ethanol - 25-OH Vitamin D <sub>3</sub>	64-17-5	11	7-16	F	F
Precipitation solution - Acetonitrile	75-05-8	11-23/24/25	16-27-45	F,T	2
Washing solution - Methanol	67-56-1	23/25	(1/2)-7-16-24-25	T	5
Elution solution - Acetonitrile	75-05-8	11-23/24/25	16-27-45	F,T	2
Calibrator - human serum - 25-OH Vitamin D <sub>3</sub>					

<sup>1</sup>European Union Directive 67/548/EEC

<sup>2</sup>F – High flammable, Xn – Harmful, T - Toxic