

Materials List for:

Measurement of H₂S in Crude Oil and Crude Oil Headspace Using Multidimensional Gas Chromatography, Deans Switching and Sulfur-selective Detection

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Materials

Name	Company	Catalog Number	Comments
Deans switch	Agilent	G2855A	Or equivalent flow switching device
Restrictor tubing	Agilent	160-2615-10	Fused silica, deactivated, 180 µm
HP-PONA column	Agilent	19091S-001	
GasPro column	Agilent	113-4332	
Sulfur chemiluminescence detector, 355	Agilent/Sievers	G6603A	
H ₂ S calibration standard, in He	Air Liquide	Custom order	211 ppm H ₂ S
CS ₂	Fisher Scientific	C184-500	
Toluene, HPLC grade	Fisher Scientific	T290-4	
Gas bag, 2 L	Calibrated Instruments, Inc.	GSB-P/2	Twist on/off nozzle
250 µl gas tight syringe	Hamilton	81130	
500 ml amber glass bottle	Scientific Specialties	N73616	
Open top screw caps	Scientific Specialties	169628	
Tegrabond disc for screw caps	Chromatographic Specialties	C889125C	25 mm, 10/90 MIL
1 ml gas tight syringe	Hamilton	81330	
2.5% H ₂ S in He gas standard	Air Liquide	Custom order	