

Materials List for:

An Experimental Protocol for Studying Mineral Effects on Organic Hydrothermal Transformations

Ziming Yang¹, Xuan Fu¹

¹Department of Chemistry, Oakland University

Correspondence to: Ziming Yang at zimingyang@oakland.edu

URL: <https://www.jove.com/video/58230>

DOI: [doi:10.3791/58230](https://doi.org/10.3791/58230)

Materials

Name	Company	Catalog Number	Comments
Chemicals:			
Dichloromethane	VWR	BDH23373.400	
Dodecane	Sigma-Aldrich	297879	
Nitrobenzene	Sigma-Aldrich	252379	
Fe ₂ O ₃	Sigma-Aldrich	310050	
Fe ₃ O ₄	Sigma-Aldrich	637106	
Supplies:			
Silica tube			
Vacuum pump	WELCH	2546B-01	
Vacuum line			
Oven	Hewlett Packard	5890	
Thermocouple	BENETECH	GM1312	
Gas chromatography	Agilent	7820A	