



平成24年度経済産業省委託事業  
「火薬類の安定的な貯蔵・運搬に係る調査研究」成果物

Date Feb 12 2014  
 Operator H.F.  
 Equipment ALMEGA (Thermo Fisher SCIENTIFIC)  
 Laser 532 nm, 25 mW (100%)  
 Resolutoin 6.5 – 10.5 cm<sup>-1</sup>  
 Sample solid (clay)  
 Method micro (x50)

## Peak position and Raman intensity

144	67	2911	177		
225	53	2953	306		
344	28	3007	226		
461	41	3071	237		
605	39	3079	238		
849	68				
885	146				
946	57				
1218	86				
1277	104				
1312	144				
1392	81				
1437	93				
1460	83				
1542	87				
1596	103				

mineral oil  $(\text{CH}_2)_8(\text{COOCH}_2\text{CH}(\text{C}_2\text{H}_5)\text{C}_4\text{H}_9)_2$

polyisobutylene or

