

Extinction coefficient determination



Pd dba
100% THF
0% H₂O



Pd dba
75% THF
25% H₂O



Pd dba
50% THF
50% H₂O

Extinction coefficient determination

A sample with a molar mass of 915 amu was weighed out on an analytical balance. 5.2 milligrams were dissolved in 3.0 mL and then an 0.5 mL was added to a 1 mm pathlength cuvette. The absorbance measured was 0.95 at 532 nm. Based on this measurement what is the extinction coefficient at 532 nm?