

Chem 269. Recrystallization of an Unknown.

(rev 8/06)

Possible Compounds:

<u>Compound</u>	<u>MP (°C)</u>
1,1-diphenylacetone	61
benzhydrol	69
phenylacetic acid	77
$\alpha$ -methyladipic acid	85
benzil	95-96
o-toluic acid	105
acetanilide	115-116
<i>trans</i> -stilbene	124-125
benzoin	133-134
2-chlorobenzoic acid	142
adipic acid	152
salicylic acid	159
3,5-dimethylbenzoic acid	166

Values here may differ from those on the Melting Point list because you have purified the compounds. Melting point values here are from the CRC Handbook, 54<sup>th</sup> edition.