

CHEM 267 RECRYSTALLIZATION EXPERIMENT (rev 6/06)

LIST OF POSSIBLE COMPOUNDS

<u>Compound</u>	<u>MP(°C)</u>
p-Anisidine	57
<i>cis</i> -Cinnamic acid	58
Benzhydrol	69
Biphenyl	71
Vanillin	80-81
Naphthalene	81
Benzil	95-96
Acenaphthene	96
Acetanilide	115-116
Isovanillin	116-117
Benzoic Acid	122
trans-Stilbene	124-125
Benzoin	133-134
<i>trans</i> -Cinnamic Acid	135-136
4-Nitroaniline	149
1-Phenylurea	149
Salicylic Acid	159
Benzanilide	163
Hydroquinine	171
Malonic acid diamide	171-172

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