

## CRYSTALLIZATION OF AN UNKNOWN

### POSSIBLE COMPOUNDS

<u>Compound</u>	<u>MP(C)</u>
Palmitic acid	63
Benzhydrol	65-66
Biphenyl	71
Dihydroxyacetone	72
Vanillin	80-81
Naphthalene	80.6
Benzil	95-96
Acenaphthene	96.2
Acetanilide	115-116
Isovanillin	116-117
Benzoic Acid	122.4
trans-Stilbene	124.5-124.8
Benzoin	133-134
trans-Cinnamic Acid	135-136
Salicylic Acid	159
Benzanilide	163

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.