Name: DERICK A1000 (OFFIE

Percentage Yield...

Salicylic Acid C7 H6O3 - 6.02g

(Mr) Molar mass of C7H6O3

C-12=12x7=84

H1 = 1x6=6

O16 = 16x3 = 48 Total = 6+84+48=138g/mol

Aspirun C9H8O4

C92-12x9=108

H1-1x8=8

O16-16x4=64 Total=180g/mol

Number of mole (n) = mass = 6.02=0.334mole

mass = mole(n) x Mr

mass = (6.02) x (0.334)

= 2.01g

9/0 Yield = achiel mass of aspirun product

estimated mass of aspirun product

Percentage Yield = 12 /0 age 9 of 10

Evaluation of the yield

The percentage yield of the aspirin was low due to the inaccuracies that happened during the experiment or data loss.