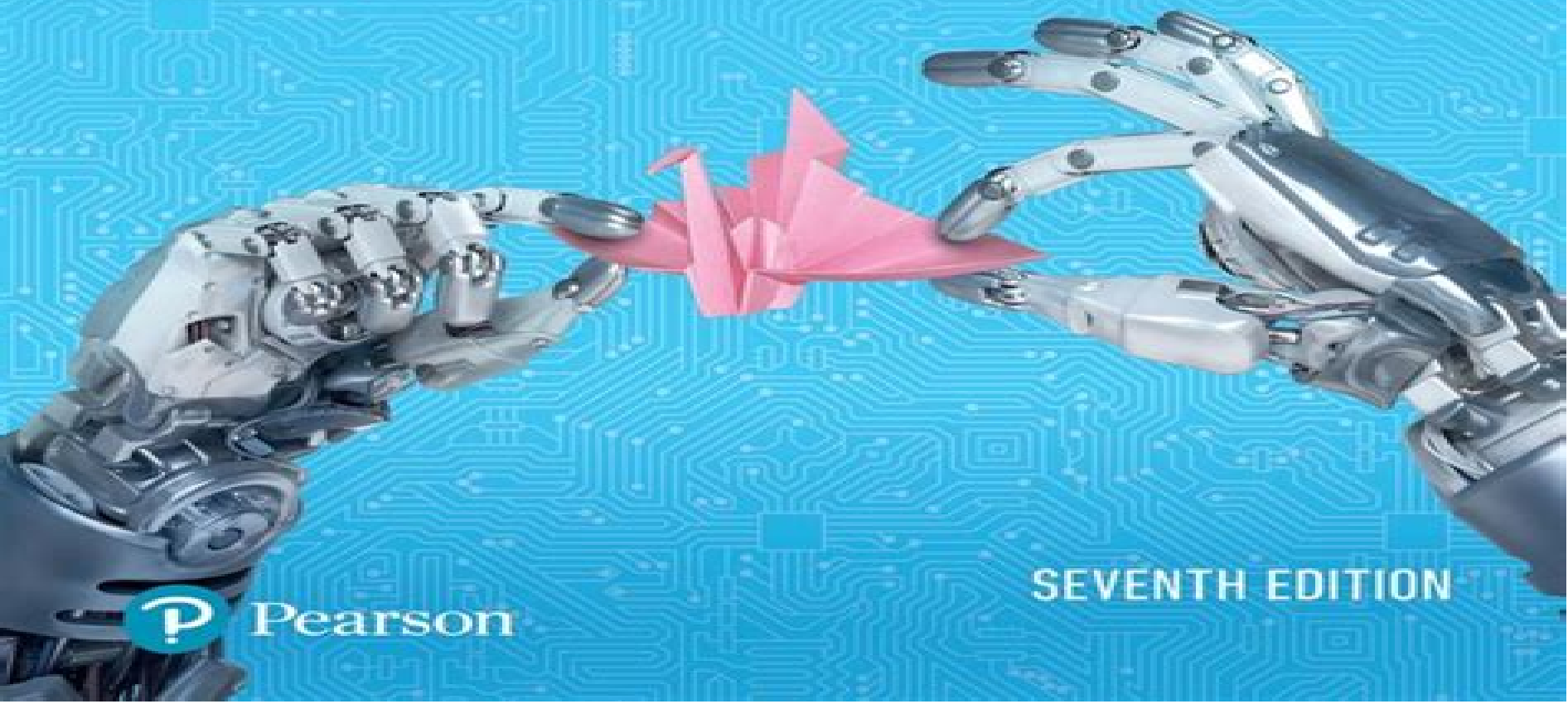


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Robert Munnig Schmidt is emeritus professor in Mechatronic System Design at Delft University of Technology with industrial

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web one unknown in each sample is an organic acid e g carboxylic acid phenol or sulfonic acid the other unknown in each sample is a neutral organic compound e g ketone ester amide etc the unknowns will be separated by extraction monitored by thin layer chromatography

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web 1 you have an unknown that is either an alcohol or a phenol using the following ¹h nmr data is the unknown an alcohol or a phenol briefly explain your answer observed resonances doublet at 1 3 ppm septet at 2 8 ppm doublet at 3 7 ppm and a singlet at 4 1 ppm 2 you have an unknown organic compound that is either a ketone or an

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web the chromatography for gc and gc ms is identical in theory however the column used in the gc ms experiment is a capillary column as opposed to the packed column used in the gc experiment done in chemistry 105 a capillary column is simply a long tube made of glass with a small internal diameter for this experiment a 30 cm column with an

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web introduction along with synthesis and the examination of the reaction mechanisms an equally important part of organic chemistry has to do with the characterization and identification of compounds which may be encountered in sources ranging from a laboratory reaction to exotic tropical plants

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web nov 7 2021 lab report on identification of unknown organic compounds course chemistry institution bicol university the purpose of this laboratory activity was to identify the functional groups present in the given unknown and eventually identify what organic compound the unknown is preview 2 out of 5 pages report copyright violation other

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web the title of the abstract is the same as the title of the longer report that it summarizes the authors name and the place where the work was done are included using melting point to determine the identity of an unknown organic acid martha a hass albany college of pharmacy organic chemistry lab tuesday morning section june 15 2002 the

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web identification of unknowns marks a point of mastery within an organic chemistry lab because it involves the unification of a series of systematic tests observations and analysis that only when considered all together can provide the complete picture of

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web pre lab report 5 identification of unknown organic compounds pre lab grading rubric name rachel studocu points are assigned 5 pts total score 10 pts the liquid to its original bottle do not put other compounds or contaminated unknowns back into 2

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web apr 12 2020 all prelabs and lab reports are graded on a 100 point scale with the following distribution individual prelab 100 pts due at the beginning of each experiment

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web identification of unknown o attach ir and nmr with relevant peaks labeled things listed above it was determined that the unknown molecule was piperonylamine and when looking up the molecule the molecule also had a melting point of 138 139 c and has a ama of 151

experiment 7 9 lab report identification of unknown organic studocu - Jul 06 2023

web chem 3306 lab report n1 lab report 5 lab related documents experiment 1 exp1 3106 313 exp 4 lab report quiz 12 quiz 7 quiz 3 quiz 2 preview text identification of unknown organic compound purpose the purpose of this lab is to collect qualitative data on an unknown compound in order to discover the identity of the unknown via

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web qualitative analysis of an organic unknown is an important proficiency for any student completing the organic chemistry laboratory course this experiment culminates the laboratory techniques that you have learned this semester and requires you

to put the various pieces of information together to identify an unknown organic molecule

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taylor breech november 30 2016 chem nirmal mitra introduction the purpose of this lab experiment was to use three
different

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web unknown reports you should submit an unknown preliminary report as soon as you have completed the experiments
described below for the solid unknown you will take an accurate mp an ir spectrum using the kbr procedure solubility tests
and based upon an analysis of this information do specific functionality tests as described in the manual

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web ms the spectrum for the unknown shows the molecular ion at 135 99 m/z the base peak is at 56 98 m/z which is the peak
identified to be a butane chain of carbons the m/z 2 peak is at 138 99 m/z and is roughly the same size as the m peak indicating
the presence of bromine in this compound

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point of benzoic acid and salicylic acid recrystallization of dirty benzoic acid and unknowns 02 06 17 introduction melting
points is a method used to determine the temperature of a molecule in which can change its

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web in this paper several methods for identification characterization tests of organic compounds determination of molecular
weight solubility of unknown compounds tlc technique each of you will receive two vials one containing a liquid unknown and
one a solid unknown

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6 isolation of trinyristin from nutmeg and preparation of myristic acid from

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web this lab report is based upon unknown binary mixture e containing unknowns 6s and 15l as it contains a solid liquid
mixture vacuum filtration was conducted 6s is insoluble in 15l procedure 1 take the unknown binary mixture and make
observations about the mixture by stating its state odor color and solubility characteristics