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Lab Report  
exanone Lab  
Report

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Cyclohexanone

Lab Report  
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Adipic acid via  
oxidation of  
cyclohexanone

---

Preparation of  
Adipic acid or  
Oxidation of  
CyclohexanolGreen

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## Adipic Acid

Synthesis of Adipic  
Acid from

Cyclohexanol Make  
Cyclopentanone

from Adipic Acid

Cyclohexanone via  
Jones reagent

oxidation Making

nylon ~~Synthesis of~~

~~Adipic Acid~~

~~Synthesis of~~

~~Cyclohexanol~~

~~Making Hexanoic~~

~~Acid Making~~

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Adipic Acid

Cinnamic Acid

Adipic Acid Slide  
(Group 10) What  
does

~~cyclohexanone  
mean? Extracting  
DNA from  
strawberries and  
eating it~~

---

Making bakelite  
plastic (Part 1)

---

Crazy Speedcore  
Layout Collab:

CYCLOHEXANONE

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## Adipic Acid

(Team LM Collab)

[Geometry Dash  
2.11]

---

The Cannizzaro  
reaction Making  
Hydrazine Sulfate  
from Urea and  
Bleach ~~Extracting  
mercury from  
contaminated  
water~~ Making Nylon  
Making raspberry  
perfume Making  
Acrolein ~~Purifying~~



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Adipic Acid

~~Sulfuric Acid Drain  
Cleaner~~

~~Cyclohexanone~~  
Stereoselective

~~Lab Report~~  
Reduction of 4-tert-  
butylcyclohexanon  
e Adipic acidic

~~synthesis by  
traditional and  
green method~~

~~CHEM 2211L~~

~~Experiment 8~~

~~Preparation of~~

~~Diphenylacetylene~~

~~Experiment~~

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Synthesis of Adipic  
Acid - || 2018 ||

#August || -

#ReignEdu

#NCERTSeries

#10Class #18

~~Making a Nylon~~

~~Precursor using~~

~~Green Chemistry~~

Green Chemistry,

Clean Technology,

Sustainability - and

Catalysis.... What

does cyclohexanol

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From  
Cyclohexanone  
Lab Report

mean? What does  
adipic acid mean?  
Adipic Acid From  
Cyclohexanone Lab

Adipic acid  
otherwise rarely  
occurs in nature.  
Adipic acid was  
commonly  
obtained by  
oxidation of castor  
oil with nitric acid  
(splitting of the  
carbon chain close

# Read Free Adipic Acid

From the OH group),  
but it is also  
obtained by  
oxidation

Preparation OF  
Adipic ACID FROM  
Cyclohexene -  
CHE334 - UB ...  
quantitative  
reaction that  
converts a liquid  
(cyclohexanone)  
into a solid (adipic

# Read Free Adipic Acid

acid). Procedure 1.  
On a balance, tare  
a small test tube  
that has been  
placed in an empty  
50 to 100-mL  
beaker for  
stabilization. 2.  
Carefully add  
cyclohexanone,  
drop wise, to the  
small test tube  
until the balance  
shows a mass of

# Read Free Adipic Acid

0.15 g. 3.

## Cyclohexanone Lab Report

An Oxidation  
Reaction: Adipic  
Acid from  
Cyclohexanone  
Preparation of  
adipic acid from  
cyclohexene In this  
laboratory period  
the cyclohexene  
(supposedly)  
prepared in the  
previous

# Read Free Adipic Acid

Experiment is  
oxidized to adipic  
acid. You will be  
provided with  
cyclohexene. As  
shown in the  
Procedure, we will  
use 2 mL. Read this  
document  
completely, and  
then answer the  
prelab questions  
below.

# Read Free Adipic Acid

Preparation of  
adipic acid from  
cyclohexene  
Don't use  
plagiarized  
sources. Get Your  
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Organic Chemistry  
Adipic Acid from  
Cyclohexanone Lab  
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Chemistry question  
and need help to  
study. Post Lab  
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single spacing)  
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Adipic Acid

Adipic Acid from  
Cyclohexanone Lab

Cyclohexanone

...  
Lab Report

PREPARATION OF  
ADIPIC ACID FROM  
CYCLOHEXENE  
Chem 126 4.doc

(DOC)  
PREPARATION OF  
ADIPIC ACID FROM  
CYCLOHEXENE  
Chem 126 ...

1. Add

# Read Free Adipic Acid

From concentrated hydrochloric acid to the strongly basic solution very cautiously (or erupting may occur). Wash the affected area thoroughly with cold water if acid is spilled on the skin.

2. Handle potassium permanganate

# Read Free Adipic Acid

Carefully. It is a strong oxidising agent. Avoid contact with skin and eyes. 3.

Preparation of  
adipic acid from  
cyclohexene  
April Goodson  
CHEM 242L-002  
February 20, 2013  
Oxidation of  
Cyclohexanone to

# Read Free Adipic Acid

Adipic Acid

Abstract The cyclic ketone

cyclohexanone was oxidized to adipic acid using the oxidizing agent nitric acid. The experiment yielded 0.2667 grams of adipic acid, giving a percent yield of 113.97%.

# Read Free Adipic Acid

Oxidation of  
Cyclohexanone to  
Adipic Acid Essay -  
986 ...

The synthesis is done by simply adding the acetic acid and sodium hypochlorite, which is also known as hypochlorous acid to cyclohexanol and then separating the final

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From  
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product from the by-products. The final results of the synthesis of cyclohexanone are that we had a 51% yield and that it was not 100% pure.

Organic Chemistry  
Lab

Report—Synthesis  
of Cyclohexanone

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In this experiment, the oxidative cleavage of cyclohexene will be performed to produce as the only product 1,6-hexanedioic acid (adipic acid), shown in Equation 1 below. Adipic acid is used in the production of the



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## Adipic Acid

polymer "Nylon 6,6" and is comprised of alternating units of adipic acid and 1,6-diaminohexane

Experiment 2:  
Preparation of  
Adipic Acid  
Cyclohexanol from  
Cyclohexanone Lab  
Report. Organic

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From  
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Chemistry I lab  
report. University.  
University of North  
Texas. Course  
Organic Chemistry  
(CHEM 2370 )  
Academic year.  
2012/2013.  
Helpful? 6 2. Share.  
... LAB Electrophilic  
Aromatic  
Substitution LAB  
Freidel Crafts  
Acylation of

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Adipic Acid

Ferrocene LAB

Grignard Synthesis  
of Benzoic Acid LAB

Dyes and Dyeing ...

Cyclohexanol from  
Cyclohexanone Lab  
Report - CHEM

2370 ...

Under the influence  
of the vanadate the  
hemihydrate of  
cyclohexanedione  
is rapidly

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From  
Cyclohexanone  
Lab Report

converted to adipic acid, whereas in the absence of vanadate this substance is slowly broken down to glutaric acid, succinic acid and oxalic acid. Copper is effective only at higher temperatures where it prevents the further

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Adipic Acid

break-down of  
unstable  
intermediates.  
Cyclohexanone  
Lab Report

Preparation of  
adipic acid by  
oxidation of  
cyclohexanol ...

The synthesis is  
similar to the  
industrial  
production of  
adipic acid wherein  
a mixture of

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## Adipic Acid

Cyclohexanol and cyclohexanone (called "KA oil") is oxidized with nitric acid to give adipic acid, via a multistep pathway.

11/25/12

Disadvantage of the synthesis. This industrial synthesis of adipic acid is detrimental to the environment.

# Read Free Adipic Acid From

Oxidation of  
Cyclohexanol to  
Adipic Acid |

Chemical ...

The cyclic ketone cyclohexanone was oxidized to adipic acid using the oxidizing agent nitric acid. The experiment yielded 0.2667 grams of adipic acid, giving

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## Adipic Acid

a percent yield of 113.97%. Although the product was allowed to dry for one week, residual moisture was still present in the sample and a melting point could not be obtained.

Oxidation of  
Cyclohexanone to  
Adipic Acid Free



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## Adipic Acid

Essay Example

1. In a 50 mL Erlenmeyer flask place 0.0025 moles of cyclohexanone and a solution of 0.0050 moles of potassium permanganate in 15 mL of water. 2. Make the solution slightly basic by adding 3 drops of 10% NaOH(aq). 3.

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## Adipic Acid

Gently stir the solution for 10 minutes at room temperature, and then place it in a boiling water bath for 20 minutes.

Oxidation:

Preparation of  
Adipic Acid

The reaction  
velocity of the  
oxidation of

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## Adipic Acid

Cyclohexanol and cyclohexanone with nitric acid (without a catalyst) can be calculated from the chromatographically measured change in the concentration of some of the reaction products: nitrolic acid and adipic acid.

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Preparation of  
adipic acid by  
oxidation of  
cyclohexanol ...

Oxidation Of  
Cyclohexanol To  
Cyclohexanone.

Amber Lamb and  
Stephonya Williams

EXPERIMENT TITLE:

Oxidation:

Cyclohexanone  
from Cyclohexanol

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## Adipic Acid

by Hypochlorite  
Oxidation and  
Adipic Acid from  
Cyclohexanone  
Lab Report

DATE: 4/18/2014

INTRODUCTION: In experiment 4, alcohol is oxidized to a ketone with household bleach. The product is then isolated by steam distillation and is extracted into the

# Read Free Adipic Acid From Cyclohexanone Lab Report

distillate with  
ether.

Oxidation Of  
Cyclohexanol To  
Cyclohexanone  
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