DETERMINATION OF COOLING WATER PARAMETERS

Dissertation Submitted To

Department Of Chemistry, Sacred Heart College (Autonomous), Thevara

Affiliated To

Mahatma Gandhi University, Kottayam

In Partial Fulfilment of the requirements for the Award of the Degree Of

Bachelor of Science in Chemistry



By

Maria Joseph

Register No.: 16UCHE4620

Department Of Chemistry

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March - April 2019

DETERMINATION OF COOLING WATER PARAMETERS

Dissertation Submitted To

Department Of Chemistry, Sacred Heart College (Autonomous), Thevara

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In Partial Fulfilment of the requirements for the Award of the Degree Of

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By

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March - April 2019

DETERMINATION OF COOLING WATER PARAMETERS

Dissertation Submitted To

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In Partial Fulfilment of the requirements for the Award of the Degree Of

Bachelor of Science in Chemistry



By

Priya Sayal

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March - April 2019

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EXTRACTION OF NATURAL PRODUCTS FROM THEIR NATURAL RESOURCES

Dissertation Submitted to

Sacred Heart College, Thevara

In partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry

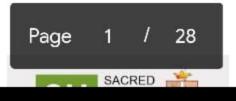


By RESHMA ELIZABETH Register No: 16UCHE4619

Under the Guidance of

Dr. JINU GEORGE

Department of Chemistry, Sacred Heart College (Autonomous), Thevara April 2019



<

EFFECT OF PARTIAL REPLACEMENT OF CARBON BLACK WITH CHITIN NANOWHISKERS ON PROPERTIES OF NATURAL RUBBER.

A project report submitted to

MAHATHMA GANDHI UNIVERSITY

IN

Partial fulfilment of the requirements for

The award of the degree of

Bachelor of Science in chemistry

BY

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16UCHE4654



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MIDHUN DOMINIC

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Extraction of Pectin from Jackfruit Peels by an Acid Hydrolysis Method and Its Characterization

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Dissertation submitted to

Sacred heart college (Autonomous), Theyara

Kochi-13, Kerala, India

in partial fulfillment of the requirements for the Degree of Bachelox of Science in Chemistry

By

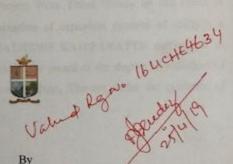
SANDRA SARA JOHN REGISTER NO: 16UCHE4615

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STUDY ON THE EFFECT OF SOLVENT ON EXTRACTION AND DETERMINATION OF CAPSAISIN CONTENT OF CHILLY

A Project Report Submitted to

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Under the Guidance of Asst.Prof. Senju Devassykutty Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi April 2019

EXPERIMENTAL INVESTIGATION OF THE ULTRA VIOLET SPECTRUM OF SOME AZO DYES.

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IN

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The award of the degree of

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ASSOCIATE PROFESSOR

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APRIL,2019

ISOLATION AND SPECTRAL

ANALYSIS OF PIPERINE



BY

SITHARA RAJ

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III DC SEMESTER VI

DEPARTMENT OF CHEMISTRY

SACRED HEART COLLEGE (Autonomous), Thevara

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A dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfilment of the requirements for the Bachelor's Degree in chemistry.

STUDIES ON THE ACID BASED EXTRACTION OF PECTIN FROM JACKFRUIT

A project submitted to the Department of Chemistry, Sacred Heart College (Autonomous), Thevara affiliated to Mahatma Gandhi University in the partial fulfillment of the requirement for the award of the degree of



BACHELOR OF SCIENCE IN CHEMISTRY

By

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(Register No: 16UCHE4614)

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STUDIES ON THE VERIFICATION OF FREUNDLICH ADSORPTION ISOTHERM USING ECOFRIENDLY ADSORBENTS SUCH AS KARINJOTTA, MAHAGONI, KANIKONNA, MANGO, AND POOVARASU BARK DUST

A project submitted to the Department of Chemistry, Sacred Heart College (Autonomous), Thevara affiliated to Mahatma Gandhi University in the partial fulfillment of the requirement for the award of the degree of



BACHELOR OF SCIENCE IN CHEMISTRY

BY

Swetha Sara Sabu

(Reg No: 16UCHE4607)

Under the guidance of

Dr. THOMMACHAN XAVIER

DEPARTMENT OF CHEMISTRY

SACRED HEART COLLEGE, THEVARA

MARCH-APRIL 2019

PROJECT REPORT ON

STUDY OF THE CHARACTERISTIC OF FACTAMFOS

DONE AT

FERTILISERS AND CHEMICALS TRAVANCORE LIMITED

(FACT)

Under the guidance of

Mr.A. N Sreenivasa Pai

COCHIN DIVISION

AMBALAMEDU

SUBMITTED TO

MAHATMA GANDHI UNIVERSITY KOTTAYAM

In partial fulfillment for the award of the degree of

BACHELOR OF SCIENCE IN CHEMISTRY

SUBMITTED BY,

DIYA N.C (Reg.No.16UCHE4632)

Submitted for the examination held on :

Examiners: 1).....

2).....

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MICROWAVE ASSISTED SYNTHES AND CHARACTERIZATION OF CHALCONES AND RELATED COMPOUNDS

Dissertation Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara

Affiliated to

Mahatma Gandhi University, Kottayam

In partial fulfillment of the requirements for the award of the degree of

Bachelor of Science in Chemistry



By

HANNA ELIZABETH JOY

Register No: 16UCHE4613

Department of Chemistry

Sacred Heart College (Autonomous), Thevara

March-April 2018

THEORETICAL STUDY ON ACTIVATION ENERGY OF DIELS ALDER REACTION OF DIFFERENT COMPOUNDS

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1177898888888

A Project Report Submitted to Department of Chemistry, Sacred Heart College (Autonomous), Thevara In partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry



By

HARIKRISHNAN KN Register No: 16UCHE4630

Under the Guidance of Dr. JUNE CYRIAC Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi April 2019

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A Project Report

Submitted To

The Department of Chemistry, Sacred Heart College Thevara

In partial fulfillment of the requirement for the award of the degree of

Bachelor of Science in Chemistry During the academic year 2016-2019

By

Jeslin C Jenny Reg. No. 16UCHE4616

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Udyogamandal Division

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Udyogamandal Division)

Submitted for the examination held on:

Examiners: 1)

2)

STUDY ON THE EFFECT OF SOLVENT ON EXTRACTION AND DETERMINATION OF CAPSAICIN CONTENT OF CHILLY

A Project Report Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara in partial fulfillment of the requirements for the award of the degree of Bachelors of Science in Chemistry



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By

JOSHUA GEORGE Register No: 16UCHE4635

Under the Guidance of Asst. Prof. Senju Devassykutty Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi April 2019

REACTIVITY OF AZOALKENES – A DFT INVESTIGATION BASED ON CHEMICAL REACTIVITY DESCRIPTORS

A project report submitted to Sacred Heart College (Autonomous) Affiliated to MAHATMA GANDHI UNIVERSITY in partial fulfillment to the requirements for the awards of the degree of

Bachelor of Science in Chemistry

By LINU VARGHESE 16UCHE4627 B. Sc. CHEMISTRY



DEPARTMENT OF CHEMISTRY SACRED HEART COLLEGE THEVARA, KOCHI-682013 2019



A project report submitted to

MAHATHMA GANDHI UNIVERSITY

IN

Partial fulfilment of the requirements for

The award of the degree of

Bachelor of Science in chemistry

BY

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16UCHE4603

SPECTROPHOTOMETRIC DETERMINATION OF BRILLIANT BLUE IN CANDY AND SOFT DRINK

Dissertation Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara

Affiliated to

Mahatma Gandhi University, Kottayam

In partial fulfillment of the requirements for the award of the degree of

Bachelor of Science in Chemistry



By

MARIYA MANOJ

Register No: 16UCHE4656

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March-April 2019

A STUDY ON THE ANTIBACTERIAL AND MECHANICAL PROPERTIES OF NANOSILVER IMPREGNATED CHITIN IN NATURAL RUBBER

A project report submitted to

SACRED HEART COLLEGE, THEVARA

IN

Partial fulfilment of the requirements for

0 0 0

The award of the degree of

Bachelor of Science in chemistry

By

Mariya K Paulachan

16UCHE4649



Under the guidance of MIDHUN DOMINIC ASSISTANT PROFESSOR DEPARTMENT OF CHEMISTRY SACRED HEART COLLEGE, THEVARA April 2019

EXTRACTION OF NATURAL PRODUCTS FROM THEIR NATURAL RESOURCES

Dissertation Submitted to

Sacred Heart College, Thevara

In partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry



By

MARY ANN SANTOSH

Register No: 16UCHE4618

Under the Guidance of

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Department of Chemistry, Sacred Heart College (Autonomous), Thevara

April 2019

QUALITY ANALYSIS OF GYPSUM



Submitted by, MEGHA MARIYA N J Register no: 16UCHE4633

DEPARTMENT OF CHEMISTRY SCARED HEART COLLEGE (Autonomous),THEVARA

ISOLATION OF ESSENTIAL OIL FROM CINNAMON AND SPECTROSCOPIC ANALYSIS OF ITS CONSTITUENTS

A dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfillment of the requirements for the Bachelors Degree in Chemistry



By,

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16UCHE4621

Under the guidance of

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Department of Chemistry

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Kochi - 682013

April 2019

THEORETICAL STUDY ON ACTIVATION ENERGY OF DIELS ALDER REACTION OF DIFFERENT COMPOUNDS

-

A Project Report Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara In partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry



By

MEREETA T.J Register No: 16UCHE4631

Under the Guidance of Dr. JUNE CYRIAC Department of Chemistry, Sacred Heart College (Autonomous), Theyara, Kochi April 2019

EXPERIMENTAL INVESTIGATION OF THE ULTRA VIOLET SPECTRUM OF SOME AZO DYES.

A project report submitted to

DEPARTMENT OF CHEMISTRY

SACRED HEART COLLEGE THEVARA, (AUTONOMOUS)

AFFILIATED TO

MAHATHMA GANDHI UNIVERSITY

IN

Partial fulfilment of the requirements for

The award of the degree of

Bachelor of Science in chemistry

By

MERIN JAMES KOOTTUNGAL

16UCHE4602



Under the guidance of

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ASSOCIATE PROFESSOR

DEPARTMENT OF CHEMISTRY

STUDY OF THE CHARACTERISTIC OF FACTOMFOS



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SUBMITTED BY, PARVATHY ANILKUMAR REGISTER NO: 16UCHE4641 DEPARTMENT OF CHEMISTRY SACRED HEART COLLEGE (Autonomous), THEVARA Udwed begins lbu the 4640 Ward begins lbu the 4640

REACTIVITY OF AZOALKENES – A DFT INVESTIGATION BASED ON CHEMICAL REACTIVITY DESCRIPTORS

A project report submitted to Sacred Heart College (Autonomous) *Affiliated to* MAHATMA GANDHI UNIVERSITY in partial fulfillment to the requirements for the awards of the degree of *Bachelor of Science* in *Chemistry*

By

ADARSH BABY

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QUALITY ANALYSIS OF GYPSUM



Submitted by, ALEESHA XAVIER Register no: 16UCHE4653

DEPARTMENT OF CHEMISTRY SCARED HEART COLLEGE (Autonomous),THEVARA

UTILITY OF ISODESMIC REACTIONS FOR CALCULATING RING STRAIN ENERGIES AND RESONANCE ENERGIES USING COMPUTATIONAL CHEMISTRY METHODS

Dissertation

Submitted to Mahatma Gandhi University

in partial fulfillment of the requirement for the award of the

Degree of Bachelor of Science in Chemistry.

by

ALEXANDER K SUNISH

Reg. No.16UCHE4645

Valued log No 164001646 B.Sc. Chemistry- VI Semester

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Department of Chemistry

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2016-2019

ISOLATION OF ESSENTIAL OIL FROM CINNAMON AND SPECTROSCOPIC ANALYSIS OF ITS CONSTITUENTS

A dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfillment of the requirements for the Bachelors Degree in Chemistry



By,

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April 2019

UTILITY OF ISODESMIC REACTIONS FOR CALCULATING RING STRAIN AND RESONANCE ENERGIES USING COMPUTATIONAL CHEMISTRY METHODS

Dissertation

Submitted to Mahatma Gandhi University

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SPECTROPHOTOMETRIC DETERMINATION OF BRILLIANT BLUE IN CANDY AND SOFT DRINK

Dissertation Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara

Affiliated to

Mahatma Gandhi University, Kottayam

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In partial fulfillment of the requirements for the award of the degree of

Bachelor of Science in Chemistry



By

ANGEL JOHNY

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IN SILICO ANALYSIS AND SYNTHESIS OF MEFENAMIC ACID

Dissertation submitted to

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In partial fulfillment of the requirements for the award of the Degree of Bachelor of Science in Chemistry

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ANGELINE ANNA JOSELY REGISTER NUMBER: 16UCHE4642 Department of Chemistry Sacred Heart College (Autonomous), Thevara 2018-2019

A STUDY ON THE ANTIBACTERIAL AND MECHANICAL PROPERTIES OF NANOSILVER IMPREGNATED CHITIN IN NATURAL RUBBER

A project report submitted to

SACRED HEART COLLEGE, THEVARA

IN

Partial fulfilment of the requirements for

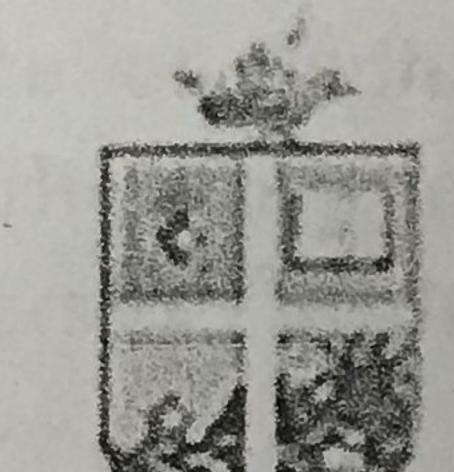
The award of the degree of

Bachelor of Science in chemistry

By

Anitta Maria Shibu

16UCHE4606





Under the guidance of

MIDHUN DOMINIC

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SACRED HEART COLLEGE, THEVARA

April 2019

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MICROWAVE ASSISTED SYNTHESIS AND CHARACTERIZATION OF CHALCONES AND RELATED COMPOUNDS

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Dissertation Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara

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Bachelor of Science in Chemistry



By

ANJALY RAJEEV

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1

SYNTHESIS, CHARACTERIZATION AND BINDING STUDIES OF ALPHA AND BETA NAPHTHOL BASED AZO DERIVATIVES

A Project Report Submitted to Department of Chemistry, Sacred Heart College (Autonomous), Thevara In partial fulfillment of the requirements for the award of the degree of Bachelor of Science in Chemistry



By ANJU MARIA JOSE Register No: 16UCHE4637

Under the Guidance of

Dr. Ramakrishnan S Department of Chemistry, Sacred Heart College (Autonomous), Thevara, Kochi April 2018



A Project Report

Submitted To

The Department of Chemistry, Sacred Heart College

Thevara

In partial fulfillment of the requirement for the award of the degree of

> Bachelor of Science in Chemistry During the academic year 2016-2019

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Submitted for the examination held on:

Examiners: 1)

2)

STUDIES ON THE VERIFICATION OF LANGMUIR ADSORPTION ISOTHERM USING ADSORBENTS SUCH AS SUGAR CANE, BAEL, TULSI, NEEM AND GALE OF WIND LEAF DUST

A project submitted to the Department of Chemistry, Sacred Heart College (Autonomous), Thevara affiliated to Mahatma Gandhi University in the partial fulfillment of the requirement for the award of the degree of



BACHELOR OF SCIENCE IN CHEMISTRY

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Annette Paul

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MARCH-APRIL 2019

SYNTHESIS, CHARACTERIZATION AND BINDING STUDIES OF ALPHA AND BETA NAPHTHOL BASED AZO DERIVATIVES

A Project Report Submitted to

Department of Chemistry, Sacred Heart College (Autonomous), Thevara In partial fulfillment of the requirements for the award of the degree of Bachelor of Science inChemistry



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Under the Guidance of

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ISOLATION AND SPECTRAL

ANALYSIS OF PIPERINE



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Register No: 16UCHE4625

III DC SEMESTER VI

DEPARTMENT OF CHEMISTRY

SACRED HEART COLLEGE (Autonomous), Thevara

Kochi

APRIL 2019

A dissertation submitted to Mahatma Gandhi University, Kottayam in partial fulfilment of the requirements for the Bachelor's Degree in chemistry. A Project Report

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In partial fulfillment of the requirement for the award of the degree of

> Bachelor of Science in Chemistry During the academic year 2016-2019

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2)

QUALITY ANALYSIS OF GYPSUM



Submitted by, ASHA ARAVIND Register no: 16UCHE4650

DEPARTMENT OF CHEMISTRY SCARED HEART COLLEGE (Autonomous),THEVARA

ANALYSIS OF WATER QUALITY PARAMETERS

Project work submitted to Mahatma Gandhi University in partial fulfillment of the requirement for the

> BACHELOR OF DEGREE N CHEMISTRY

> > BY

ASHWIN A. PAI -16UCHE4647



SACRED HEART COLLEGE, THEVARA

RESIDUE ANALYSIS AND QUALITY CHECKING OF DIFFERENT SPICE SPECIES

A Project Report

Submitted To

The Department Of Chemistry, Sacred Heart College

Thevara

Affiliated to

Mahatma Gandhi University, Kottayam

In partial fulfilment of the requirements for the award of the degree of

Bachelor of Science in Chemistry

During the academic year 2016-2019



By

Aswathy Babu

Reg.No. 16UCHE4605

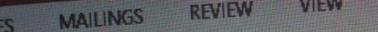
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STUDY OF THE CHARACTERISTIC OF FACTOMFOS



SUBMITTED BY, ATHIRA PRAMOD REGISTER NO: 16UCHE4639 DEPARTMENT OF CHEMISTRY SACRED HEART COLLEGE (Autonomous),THEVARA



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IN

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BY

DINIYA DAVIS -16UCHE4658



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