



Research project report on

“Determination of the active ingredients in commercial anti-acid tablets”

**Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati.Dist.Pune
(Autonomous)**

**In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).**

**Submitted by.
Miss. Kalbhor Vaishnavi Vitthal
(Roll No.11740)
Exam Seat No.= 4620**

**Under the guidance of
MR. R. R. GANDHI**

**Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.**

2023-2024



CERTIFICATE

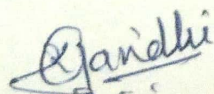
DEPARTMENT OF CHEMISTRY

This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration. Submitted by Miss. Kalbhor Vaishnavi Vitthal (Roll No. 11740) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

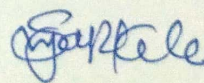
Exam Seat No.= 4620

Place: Baramati

Date:- 30 - March 2024



Guide: Mr. Ravikiran.R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research Project Report On

**“DETERMINATION OF THE ACTIVE INGREDIENTS IN COMMERCIAL ANTI-
ACID TABLETS”**

Affiliated to.

Savitribai Phule Pune university, Pune

Tuljaram Chaturchand College of Arts, Science and Commerce,

Baramati. Dist. Pune

(Autonomous)

In the partial fulfillment of the requirement for the award of Bachelor of
science (B.Sc. Chemistry).

Submitted by.

Miss. Shende Rutuja Bapu

(Roll No.11712)

Exam Seat No.= 4701

Under the guidance of

MR. R. R. GANDHI

Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.

Department of Chemistry.

2023-2024



CERTIFICATE

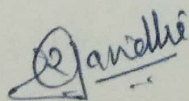
DEPARTMENT OF CHEMISTRY

This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration. Submitted by **Miss. Shende Rutuja Bapu (Roll No. 11712)** was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

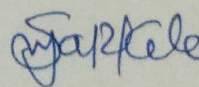
Exam Seat No.= 4701

Place: Baramati

Date:- March 2024



Guide: Mr. Ravikiran. R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research Project Report On

“DETERMINATION OF THE ACTIVE INGREDIENTS IN COMMERCIAL ANTI-
ACID TABLETS”

Affiliated to.

Savitribai Phule Pune university, Pune

Tuljaram Chaturchand College of Arts, Science and Commerce,

Baramati.Dist.Pune

(Autonomous)

In the partition fulfilment of the requirement for the award of Bachelor of
science (B.Sc. Chemistry).

Submitted by.

Miss. Jagtap Nikita Pankaj

(Roll No.11721)

Exam Seat No.= 4698

Miss. Kalbhor Vaishnavi Vitthal

(Roll No.11740)

Exam Seat No.= 4620

Miss. Shende Rutuja Bapu

(Roll No.11712)

Exam Seat No.= 4701

Under the guidance of

MR. R. R. GANDHI

Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.

Department of Chemistry.

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration. Submitted by Miss. Jagtap Nikita Pankaj (Roll No. 11721) Miss. Kalbhor Vaishnavi Vitthal (Roll No. 11740) Miss. Shende Rutuja Bapu (Roll No. 11712) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

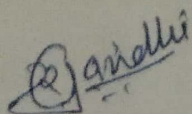
Exam Seat No.= 4698

Exam Seat No.= 4620

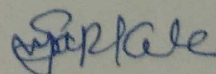
Exam Seat No.= 4701

Place: Baramati

Date:- 30 March 2024



Guide: Mr. Ravikiran. R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry



“ANEKANT EDUCATION SOCIETY”

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce),

BARAMATI (413102)

(Autonomous)



A PROJECT REPORT ON

“*PRPARATION OF METAL LIGAND*”

SUBMITTED TO

DEPARTMENT OF CHEMISTRY

SAVITRIBAI PHULE PUNE UNIVERSITY

UNDER THE GUIDENCE OF

Prof.Dr.Torne.B.R

2023-2024



ANEKANT EDUCATION SOCIETY”

TULJARAM CHATURCHAND COLLEGE,

(Arts, Science & Commerce),

BARAMATI (413102)

(Autonomous)



CERTIFICATE

This is to certify that *that Mr.Kalgavkar Aditya Ashok, MrMane Aniket Shrirang, Mr.Sawant Akansha A , Mr.Sawant Apeksha A* of class TY.B.Sc (Chemistry) has completed project on “*PRPARATION OF METAL LIGAND*” as per the syllabus laid by Savitribai Phule Pune University, during the academic year 2023-2024 under my supervision and submitted the report.

Mr. Torne.B.R
Dr.Torne.B.R

PROJECT
GUIDE

EXTERNAL
EXAMINER

Prof. Dr. Kale.S.R

Prof.Dr.Kale.S.R

HEAD
DEPARTMENT

PLACE: BARAMATI





Research project report on

“Determination of iodate in iodized salt by redox titration”

**Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati.Dist.Pune
(Autonomous)**

**In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).**

**Submitted by.
Mr. Sachin Bhauso Yadav
(Roll No.11737)
Exam Seat No.= 4624**

**Under the guidance of
MR. R. R. GANDHI**

**Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.**

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

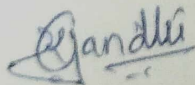
This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration.

Submitted by Mr. Sachin Bhauso Yadav (Roll No.11737) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

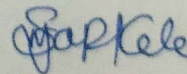
Exam Seat No.= 4624

Place: Baramati

Date:- 30 March 2024



Guide: Mr. Ravikiran R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research project report on

“Determination of iodate in iodized salt by redox titration”

Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati.Dist.Pune
(Autonomous)

In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).

Submitted by.
Mr. BHAVESH SOMNATH WAYSE

(Roll No.11736)
Exam Seat No.= 4582

Under the guidance of
MR. R. R. GANDHI

Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

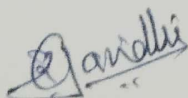
This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration.

Submitted by Mr. Bhaveh Somnath Wayse (Roll No.11736) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

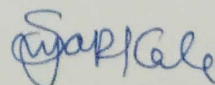
Exam Seat No.= 4582

Place: Baramati

Date:- 30- March 2024



Guide: Mr. Ravikiran R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research project report on

“Determination of iodate in iodized salt by redox titration”

**Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati.Dist.Pune
(Autonomous)**

**In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).**

**Submitted by.
Mr. Ghadage Tejas Rajendra
(Roll No.11760)**

Exam Seat No.= 4486

**Under the guidance of
MR. R. R. GANDHI**

**Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.**

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

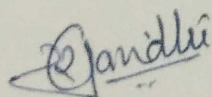
This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration.

Submitted by Mr. Ghadage Tejas Rajendra (Roll No. 11760) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

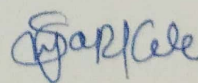
Exam Seat No.= 4486

Place: Baramati

Date:- 30- March 2024



Guide: Mr. Ravikiran.R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry



Research project report on

“Determination of iodate in iodized salt by redox titration”

Affiliated to.

Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati.Dist.Pune
(Autonomous)

In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).

Submitted by.

Mr. Pawar Sandesh Bharat
(Roll No.11538)
Exam Seat No.= 4728

Deokar Sangram Dharmendra
(Roll No. 11733)
Exam No. 4599

Yadav Sachin Bhauso
(Roll No. 11737)
Exam Seat No. 4624

Wayse Bhavesh Somanath
(Roll No. 11736)
Exam Seat No. 4582

Ghadage Tejas Rajendra
Roll Nbo. 11760
Exam Seat No.4486

Under the guidance of
MR. R. R. GANDHI

Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration.

Submitted by

Mr. Pawar Sandesh Bharat (Roll No. 11538)

Mr. Yadav Sachin Bhasuso (Roll No. 11737)

Mr. Deokar Sangram Dharmendra (Roll No. 11733)

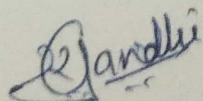
Mr. Wayse Bhavesh Somanath (Roll No. 11736)

Mr. Ghadage Tejas Rajendra (Roll No. 11760)

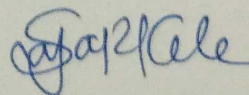
was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

Place: Baramati

Date:- 30 March 2024



Guide: Mr. Ravikiran.R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research project report on

“Determination of iodate in iodized salt by redox titration”

Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati. Dist. Pune
(Autonomous)

In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).

Submitted by.
Mr. Pawar Sandesh Bharat
(Roll No.11538)
Exam Seat No.= 4728

Under the guidance of
MR. R. R. GANDHI

Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.

2023-2024



CERTIFICATE

DEPARTMENT OF CHEMISTRY

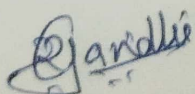
This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration.

Submitted by Mr. Pawar Sandesh Bharat (Roll No. 11538) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

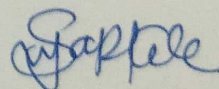
Exam Seat No.= 4728

Place: Baramati

Date:- 30 March 2024



Guide: Mr. Ravikiran.R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry





Research project report on

“Determination of the active ingredients in commercial anti-acid tablets”

**Affiliated to.
Savitribai Phule Pune university, Pune
Tuljaram Chaturchand college of Arts, Science and Commerce,
Baramati. Dist. Pune
(Autonomous)**

**In the partition fulfilment of the requirement for the award of
Bachelor of science (B.Sc. Chemistry).**

**Submitted by.
Miss. Jagtap Nikita Pankaj
(Roll No.11721)
Exam Seat No.= 4698**

**Under the guidance of
MR. R. R. GANDHI**

**Tuljaram Chaturchand College. Baramati., Dist.-Pune, Maharashtra India.
Department of Chemistry.**

2023-2024



CERTIFICATE

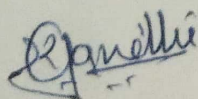
DEPARTMENT OF CHEMISTRY

This is certified that the work incorporated in project entitled Determination of iodate in iodized salt by redox titration. Submitted by Miss. Jagtap Nikita Pankaj (Roll No. 11721) was carried out by the candidates under my supervision in the Department of Chemistry, Tuljaram Chaturchand College of Arts, Science and Commerce (Autonomous) Baramati-413102 Dist.-Pune for the Degree of B.Sc. Chemistry.

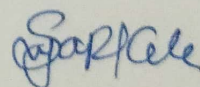
Exam Seat No.= 4698

Place: Baramati

Date:- 30 - March 2024



Guide: Mr. Ravikiran.R. Gandhi



Prof. Dr. Sanjay R Kale

Head Dept. Of Chemistry

