# Experiment Report

|  |  |
| --- | --- |
| Field | Value |
| Title | Synthesis of Aspirin |
| Experiment ID | EXP-20250220200015 |
| Date | 2025-02-20 20:00:15.371546 |
| Experimenter | Dr. Jane Doe |
| Project | Pain Relief Project |

## Chemicals Used

* - Salicylic Acid (5g)
* - Acetic Anhydride (7ml)
* - Sulfuric Acid (0.5ml)

## Equipment Used

* - Beaker
* - Stirring Rod
* - Bunsen Burner

## Procedure

1. 1. Measure all chemicals accurately.
2. 2. Mix chemicals in the beaker.
3. 3. Heat the mixture gently.
4. 4. Allow the reaction to cool.
5. 5. Filter the product.

## Observations

After heating, the mixture turned slightly white, indicating the formation of acetylsalicylic acid.

## Results

An approximate yield of 85% pure aspirin was obtained.