



PREPARATION AND APPLICATION OF DYE FROM BLACK GRAPES ON FABRIC

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Abstract

The present research deals with the study of prepare the dye using fruits. This research project is selected to determine now to prepare dye using fruits. The study of preparation to dye using the fruit has been studied by many researches.



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INTRODUCTION:

The black grapes dye is prepared. The black grapes are easily available. It is prepared by using the only universal solvent by the simple method by removing its extract and boiling it and re-staining it.

The removal of colour from aquatic systems caused by presence of dyes is extremely important from the environmental viewpoint because most of these dyes are toxic, mutagenic.

EXPERIMENTAL:

1. MATERIAL:

Salt, black grapes, distilled water, beaker.

2. METHOD:

- I. Collect your plant material when they are at their peals of colour fruit should be fresh.
- II. Chop all fruit material into pieces and place them in to a beaker that you are willing to sacrifice to the cloth dyeing craft.
- III. Measure the amount fruit material of and place twice as a much water fruit material into the pot with the fruit material.
- IV. Bring the mixture to a boil and then simmer it. Stirring occasionally for at-least an hour.
- V. Strain out the fruit material and set the dye bath aside.

- VI. Place your fabric into a colour fixation bath such as salt water.
- VII. Remove the fabric from the dye bath with rubber gloves.
- VIII. Use the fabric through and hang it up to dry.

APPLICATION:

1. It is applied on cotton and wool.
2. It is eco-friendly.
3. It is easily affordable.
4. It is harmless.

CONCLUSION:

1. This dye is applied on cotton easily.
2. It is not toxic.
3. It is easily available.
4. It can be used for colouring of toys and other substances.
5. It is anti-inflammatory, anti-cancer etc.
6. The black grapes dye gives dark purple colour.
7. It is environmentally friendly material, free of charge and high regeneration efficiency.
8. Adsorption was an effective process for decolonization of textile wastewaters.

REFERENCE

The Merck index, 8th ed., Merck and co., Rahway NJ, 1968. The index gives the following reference for details on the synthesis of methyl orange: a. L. Gattermann, Die Praxis des organischen Chemikers, 40th ed., de Gruyter and Co., Berlin. 1961, pp 260-261.

For more about the molecule basis of indicator colour changes, see water to wine. Author.Fred Senese.

Chemistry of Dyes of Pigments. By Lubs.

Chemistry of synthetic dyes, by K Vankatraman. Volume 1,2,&3.

Fundamental process of dyes chemistry, Fierz David & Blangey.

Unit process in organic synthesis By P. H. Groggins.

BIOS Reports.

Practical Organic chemistry. By Vogel.

Developments in Food colours 1, Editor: John Waford.

Principle of organic synthesis R.O.C. Norman, J.M.COXON.

www.duracolour.com/DTPdyes

www.herbafood.de

www.nig.megdeburg.de

www.wearingwood.com