6. Conclusion

- The formulation and composition of prepared antidandruff formulation had been reported very first time.

- Prepared formulation has significant antidandruff potential against Malassezia furfur and other dermatophytes in dandruff condition.

- Prepared formulation has prolonged contact time with advantage of non synthetic base with minimum or no side effects.

- From this investigation it can be concluded that the prepared formulation posses a significant comparable antidandruff efficacy with marketed antidandruff formulations due to presence of Alkaloids, Glycosides, Carbohydrates, Terpenoids, Phenol, Flavonoids and tannins (Gallic acid) in the prepared formulation.

- Study also redefines the potential of drugs.

- Prepared formulation will serve the society from common and embarrassing superficial disorder.


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9.1. List of chemicals

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Chemicals Used</th>
<th>Name of Manufacturer</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Sodium hydroxide</td>
<td>CDH</td>
<td>Lab</td>
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<tr>
<td>2</td>
<td>Silica gel G</td>
<td>Merck</td>
<td>Institutional</td>
</tr>
<tr>
<td>3</td>
<td>Pet. Ether</td>
<td>Merck</td>
<td>LR</td>
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<tr>
<td>4</td>
<td>Chloroform</td>
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<td>AR</td>
</tr>
<tr>
<td>5</td>
<td>Ethyl acetate</td>
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<td>Lab</td>
</tr>
<tr>
<td>6</td>
<td>Ethanol</td>
<td>Ranbaxy</td>
<td>AR</td>
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<tr>
<td>7</td>
<td>Cooper sulphate</td>
<td>CDH</td>
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<tr>
<td>8</td>
<td>Ferric chloride</td>
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<td>AR</td>
</tr>
<tr>
<td>9</td>
<td>Lead acetate</td>
<td>SD Fine</td>
<td>LR</td>
</tr>
<tr>
<td>10</td>
<td>Gelatin</td>
<td>Merck</td>
<td>LR</td>
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<td>11</td>
<td>Hexane</td>
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<td>12</td>
<td>Chloral hydrate</td>
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<td>15</td>
<td>Sodium nitroprusside</td>
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<td>16</td>
<td>Pyridine</td>
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<td>17</td>
<td>Picric acid</td>
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<td>Iodine</td>
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## 9.2. List of equipment

<table>
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<tr>
<th>S. No.</th>
<th>Name of Equipment Used</th>
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<td>Electronic balance</td>
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<td>Hot plate</td>
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<td>3</td>
<td>UV chamber</td>
<td>Scientech</td>
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<td>Oven</td>
<td>Lab Tech</td>
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<td>5</td>
<td>Incubator</td>
<td>Jindal</td>
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<td>Soxhlet apparatus</td>
<td>ASGI</td>
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<td>9</td>
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<td>Jindal</td>
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<td>10</td>
<td>Water bath</td>
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<td>Light microscope</td>
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<td>Perkin,Elmer</td>
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<td>GC- mass</td>
<td>Perkin Elmer</td>
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<td>HPLC</td>
<td>Sunfire</td>
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<tr>
<td>19</td>
<td>HPTLC</td>
<td>Merck</td>
</tr>
</tbody>
</table>
Certificate

Certificate A

BABARIA INSTITUTE OF PHARMACY
BITS EDU CAMPUS, VARNAMA, VADODARA, GUJARAT-391240

CERTIFICATE

This is to certify that the experimental protocol titled "Preparation, Standardization, Evaluation and Comparison of Poly-herbal Anti-dandruff Hair Care Formulation (Subtitle: To study the eye irritation in rabbits)" and bearing the proposal number BIP/IAEC/2016/03 has been approved by the IAEC vide its meeting held on 15th July 2016.

Name of Chairman, IAEC:
Dr. Vandana B. Patel

Name of CPCSEA Nominee, IAEC:
Dr. B. Suresh

Signature with date

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Managed by: Shree Krishna Educational Charitable Trust - Vadodara

Shalini Sharma
Certificate B

TO WHOM IT MAY CONCERN

We confirm that we have permitted Shalini Sharma pursuing Ph.D from R.K. University, Raipur under guidance of Dr. U.M. Upadhyay (Principal, Sigma Institute of Pharmacy), for her research work entitled "Preparation, Standardization, Evaluation and Comparison Of Poly Herbal Antidandruff Hair Care Formulation". We have no objection in allowing her to do Ph.D work in the Dept. of Microbiology, R.D. Gardi Medical College, Ujjain, (M.P.)

Dr. Harshada Shah
Prof. & HOD
Dept. of Microbiology
R.D. Gardi Medical College, Surasa Ujjain
Date: 01/02/2013

Shalini Sharma