

Journal Name: [Asian Journal of Current Research](#)  
Manuscript Number: **Ms\_AJOCR\_11929**  
Title of the Manuscript: **Current state of alkyd resin extraction, synthesis, and characterization**  
Type of the Article

## 1: Review Comments

	Reviewer's comment	Author's feedback
<p><b>Compulsory</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the manuscript important for the scientific community?</b> (Please write a few sentences on this manuscript)</li> <li>2. <b>Is the title of the article suitable?</b> (If not please suggest an alternative title)</li> <li>3. <b>Is the abstract of the article comprehensive?</b></li> <li>4. <b>Are subsections and structure of the manuscript appropriate?</b></li> <li>5. <b>Do you think the manuscript is scientifically correct?</b></li> <li>6. <b>Are the references sufficient and recent? If you have suggestions for additional references, please mention them in the review form.</b></li> </ol> <p><u>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</u></p>	<ol style="list-style-type: none"> <li>1. The manuscript discusses the importance of alkyd resins in industrial coatings and paints due to their film-forming capacity, adhesion, and durability. It details the synthesis process involving polyols reacting with dicarboxylic acids and being modified with fatty acids or drying oils. The study underscores the impact of different process variables on alkyd resin properties and explores characterization methods like NMR, FTIR, GPC, and thermal analysis. Understanding these techniques helps optimize alkyd resin formulations, improving their performance and durability in practical applications.</li> <li>2. A Review on Current state of alkyd resin extraction, synthesis, and characterization.</li> <li>3. Yes</li> <li>4. Yes</li> <li>5. Yes</li> <li>6. Yes</li> </ol>	
<p><b>Minor</b> REVISION comments</p> <ol style="list-style-type: none"> <li>1. <b>Is the language/English quality of the article suitable for scholarly communications?</b></li> </ol>	<ol style="list-style-type: none"> <li>1. Yes but improve it.</li> </ol>	
<p><b>Optional</b> comments</p>	<ol style="list-style-type: none"> <li>1. Mention the use of vegetable oils in the title.</li> <li>2. It is better to mention how to prepare this review article (Material and Method) in the abstract.</li> <li>3. Improve the subtiteles of manuscript and bring some related figures.</li> <li>4. Correct the references according to journals style and write the names of the authors don't use et al.</li> <li>5. Improve the language of manuscript.</li> </ol>	

**PART 2:**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <i>(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
<b>Are there ethical issues in this manuscript?</b>	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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