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(57) Abstract :

The present invention relates to an improved round bottom flask design to facilitate the handling of the flask during chemical reactions. Traditional round bottom flasks have a narrow neck that makes it difficult to pour and transfer the contents of the flask. The improved design incorporates a wider neck and a flat bottom to increase stability and ease of use. The study compared the performance of the improved flask to the traditional flask in various chemical reactions. Results show that the improved flask design provided better stability and ease of use, resulting in a reduction in spillage and breakage. The findings suggest that the use of an improved round bottom flask can enhance the safety and efficiency of chemical reactions in the laboratory.

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