

Density by Stacking of Liquids

Concepts

Explanation:

Density is an intrinsic property of materials defined by the amount of material per unit of volume. This behavior causes the layers to stack onto one another or pass through one another (since they are liquids). In the end the liquids with the highest density will be at the bottom and the liquids that are less dense will remain at the top. If the liquids are released from the bottom of the lightest liquids will raise to the top of the column.

Sources:

If you have other explanations, concepts, or ideas for this demonstration please share them by contacting our Chem Demo team (bedell@nku.edu; sievel@nku.edu). We will pass them on to the community and credit you with the ideas.