

SUPERNATANT

Meaning: Supernatant refers to the clear liquid that remains above settled sediment or particles in a container after centrifugation or sedimentation.

1. The liquid above the settled sediment is referred to as the supernatant.
2. After centrifugation, the supernatant was carefully removed for analysis.
3. In the experiment, the supernatant contained the dissolved nutrients needed for the next phase.
4. The researchers noted a distinct color change in the supernatant after the reaction completed.
5. To isolate the precipitate, we poured off the supernatant slowly to avoid contamination.
6. The supernatant formed above the precipitate after the centrifugation process was carefully collected for further analysis.
7. After letting the mixture settle overnight, a clear supernatant was visible above the sediment.
8. In biochemistry experiments, the supernatant is often analyzed to determine the concentration of soluble proteins.
9. When examining the culture, the supernatant contained a high level of metabolites produced by the bacteria.
10. The clarity of the supernatant indicated that the filtration process had been effective in removing impurities.

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