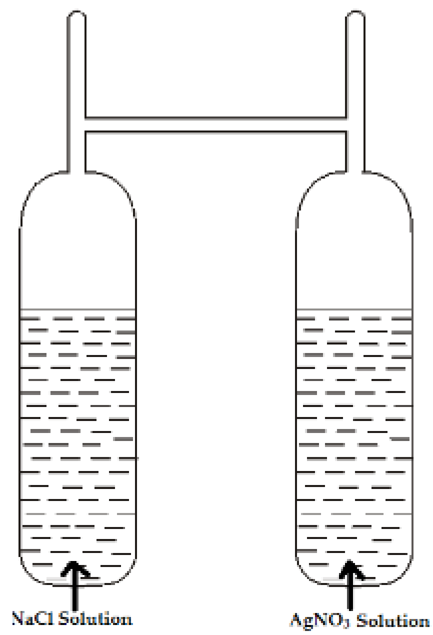
the solutions can mix up together and react chemically. The reaction takes place and a white precipitate of silver chloride is obtained.

$AgNO_3$	**+**	**NaCl**	**→**	**AgCl↓**	**+**	**$NaNO_3$**
Silver nitrate		Sodium chloride		Silver chloride		Sodium nitrate

The tube is weighed again. The mass of the tube is exactly the same as the mass obtained before inverting the tube. Thus, this experiment clearly verifies the law of conservation of mass.



Landolt's tube