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12. ADDENDUM

- a) McFarland standard: In microbiology, McFarland standards are used as a reference to adjust the turbidity of bacterial suspensions so that the number of bacteria will be within a given range to standardize microbial testing. 0.5 McFarland equates to 1.5×10^8 CFU/ml. (CFU is colony forming units)
- b) Nutrient broth: Media used by microbiologists containing elements essential for bacterial growth. These include: carbon source (glucose), water. Salts for bacterial growth, nitrogen source (e.g. beef extract)