

Technical Specification

Sr. No.	Particulars	Requirements
1	Minimum Test Parameters	Urea, Starch, Neutralizer
2	Minimum detection range	Urea : 0.5 -1.0 % Starch : 0.5 - 1.0 % Neutralizer : 0.5 -1.0 %
3	Testing Speed	Max. 5 Minutue per sample
4	Test Repeatability	Test method and chemical/strips shall produce consistent results
5	Color change	Test chemicals/Strips shall produce distinct color change for visual observation of results
6	Shelf Life of Test chemicals/ Strips	Test Chemicals/Strips shall have minimum 9 months shelf life from the date of Packaging at room temperature
7	Accessories	Kit shall have required suitable accessories e.g. Test tubes/bottle, brush for cleaning, etc. for performing the test.
8	Manual	Each Kit shall contain manual in English and preferably in local language. Manual shall have details e.g. Procedure of testing, test results interpretation, precaution of handling test chemicals/ test strips, etc.
9	Chart	Separate color chart shall be provided for test results interpretation with indication of positive and negative test results