



Total Carbohydrate Content Assay kit

Carbohydrates are one of the important constituents of plant bodies, as well as the main raw materials and storage materials for metabolism. Total sugars can also be called carbohydrates, including soluble monosaccharides, disaccharides and insoluble starch, cellulose, chitin, etc.

Total sugar acid is hydrolyzed to reducing sugar. In the presence of NaOH and glycerol, DNS reagent and reducing sugar are heated together and then reduced to amino compounds, which are orange-red in excess NaOH alkaline solution, at 540nm. The maximum absorption peak is used to determine the total sugar content in the sample.

Catalog No.	250271
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible Spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs