



Betaine Content Assay kit

Betaine is a kind of quaternary ammonium type water-soluble alkaloid widely distributed in animals, plants and microorganisms. It is the oxidation product of choline in organism. It can enhance immunity, reduce blood lipid, resist oxidation and anti-tumor. It can also be used as a methyl donor to promote protein and fat metabolism, increase appetite, relieve stress, regulate osmotic pressure, stabilize vitamins and other biological functions. It is widely used in chemical industry, medicine, food additive and other fields. Under strong acid conditions, betaine reacts with Raynaud salt to produce precipitation. The precipitation is dissolved in acetone to form a red solution. There is a characteristic absorption peak at 525 nm. The absorption value at 525 nm is determined to obtain the content of betaine in the sample.

Catalog No.	250313
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Spectrophotometry / Micro-Plate Reader
Storage/Stability	2-8°C/6 months
Shipping	Gel Packs