

FRUCTANASE MIXTURE (Ultrapure, recombinant, liquid)

08/23

Ultrapure Recombinant

E-FRLQPU

Source: *Aspergillus niger*

EC: 3.2.1.7

Synonyms: *endo*-inulinase, 1-beta-D-fructan fructanohydrolase

EC: 3.2.1.80

Synonyms: *exo*-inulinase, fructan β -fructosidase

CAZy Family: GH32

CAS: 9001-57-4, 9025-67-6, 37288-56-5

Refer to the product lot number Certificate of Analysis for lot specific properties.

PROPERTIES

For Fructan Determination

This enzyme preparation is designed for use in the measurement of fructan (inulin) by the procedure of Orafti (AOAC Method 997.08). The procedure recommends the use of Fructozyme (Novo SP 230), which is a fermentation product containing highly active *exo*-inulinase and *endo*-inulinase. However, Fructozyme also contains other enzymes at activity levels which interfere with the specific measurement of fructan or, alternatively, result in depolymerisation, and thus underestimation, of other dietary fiber components if this preparation is used in the standard AOAC dietary fiber methods to remove insoluble fructan.

This enzyme is supplied in a stabilised solution containing 50% glycerol and 0.02% sodium azide. It should be stored below -10°C between use.

For use in the AOAC/Orafti method, use the same volumes as recommended for Novo SP 230 (Fructozyme).