

SYNOPSIS

FAD 4 (2813) F/ISO 15154 : 2003 Tobacco — Determination of the content of reducing carbohydrates — Continuous-flow analysis method

a) Scope: This Standard specifies a method for the determination of the content of reducing carbohydrates in tobacco by continuous-flow analysis. This method is applicable to manufactured and unmanufactured tobacco.

b) Salient features of content:

This standard prescribes a method where tobacco extract in 5 % acetic acid solution is prepared and the content of reducing carbohydrates in the extract is determined by reaction with *p*-hydroxybenzoic acid hydrazide. In alkaline medium at 85 °C, a yellow osazone is formed which has an absorption maximum at 410 nm.

c) Types/grades/classes, if any covered in the standard: Nil

d) Disclaimer (to be automatically provided by the programme/ software)