

(PREVIEW)

Indian Standard

CODE OF PRACTICE FOR DETERMINATION OF SPECIFIC SURFACE AREA OF POWDERS BY AIR PERMEABILITY METHODS

1. SCOPE

1.1 This standard describes the following methods for the determination of specific surface area of powders. These methods are applicable to powders whose surface areas lie within the range of 500 to 40 000 cm²/g :

- a) Constant flow type air permeability method (Lea and Nurse Type),
- b) Variable flow type air permeability method (Blaine Type), and
- c) Variable flow type air permeability method (Rigden Type).

1.2 The methods described in **1.1** differ basically in the way in which the flow resistance is measured.