

## SCHEDULE 1

Regulation 4(1) to (3)

## ESSENTIAL INGREDIENTS OF FLOUR

<i>Column 1</i> <i>Substance</i>	<i>Column 2</i> <i>Required quantity, in milligrams per hundred grams of flour, and conditions of use</i>
<b>1. Calcium carbonate</b>	(a) (a) not less than 235, and (b) not more than 390, (c) conforming to the following—
Description .....	Fine white microcrystalline or amorphous powder
Content .....	Not less than 97 per cent of CaCO <sub>3</sub> on a volatile matter-free basis
Volatile matter .....	Not more than 1 per cent (determined by drying at 105°C to constant weight)
Matter insoluble in hydrochloric acid	Shall comply with the requirement for aluminium, iron, phosphate and matter insoluble in hydrochloric acid in the monograph for chalk in the British Pharmacopoeia 1973 at page 93
Arsenic .....	Not more than 5 mg per kg
Lead .....	Not more than 20 mg per kg
Other inorganic impurities .....	Not more than 100 mg per kg of any of the following substances, namely antimony, copper, chromium, zinc or barium sulphate, or more than 200 mg per kg of any combination of those substances
Particle size .....	Not more than 0.1 per cent to remain on a sieve of nominal aperture size 150 µm and not more than 0.2 per cent to remain on a sieve of nominal aperture size 63 µm.
<b>2. Iron</b>	(a) (a) not less than 1.65 (b) in the form of any, or any combination of two or more, of the following— (i) ferric ammonium citrate conforming to the criteria in the monograph for ferric ammonium citrate contained in the British Pharmacopoeia 1973 at page 201; (ii) green ferric ammonium citrate conforming to the criteria for ammonium ferric citrate

**Status:** This is the original version (as it was originally made).

contained in the British  
Pharmaceutical Codex 1973 at  
page 194;

- (iii) ferrous sulphate conforming to the criteria in the monograph for ferrous sulphate contained in the British Pharmacopoeia 1988 at page 245;
- (iv) dried ferrous sulphate conforming to the criteria in the monograph for dried ferrous sulphate contained in the British Pharmacopoeia 1988 at page 245;
- (v) iron powder conforming to the description, specification and requirements contained in Schedule 2.

**3. Thiamin (Vitamin B1)**

- (a) (a) not less than 0.24
- (b) in a form conforming to the criteria in the monograph for thiamine hydrochloride contained in the British Pharmacopoeia 1980 at page 451.

**4. Nicotinic acid**

- (a) (a) not less than 1.60
- (b) in a form conforming to the criteria in the monograph for nicotinic acid contained in the British Pharmacopoeia 1973 at page 318

*or*

Nicotinamide

- (a) (a) not less than 1.60
  - (b) in a form conforming to the criteria in the monograph for nicotinamide contained in the British Pharmacopoeia 1980 at page 303.
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