

1979 No. 49

## FOOD AND DRUGS

## Composition and Labelling

Colouring Matter in Food (Amendment) Regulations  
(Northern Ireland) 1979

Made . . . . . 23rd February 1979

Coming into operation . . . . . 9th April 1979

The Department of Health and Social Services(a) in exercise of the powers conferred on it by sections 4, 7, 68 and 68A(b) of the Food and Drugs Act (Northern Ireland) 1958(c) and of every other power enabling it in that behalf and after consultation with such organisations as appear to it to be representative of interests substantially affected by these regulations, hereby makes the following regulations:

*Citation and commencement*

1. These regulations may be cited as the Colouring Matter in Food (Amendment) Regulations (Northern Ireland) 1979 and shall come into operation on 9th April 1979.

*Amendment of the Colouring Matter in Food Regulations  
(Northern Ireland) 1973*

2. The Colouring Matter in Food Regulations (Northern Ireland) 1973(d), as amended(e), shall be further amended—

(a) by deleting from Part I of Schedule 1 (which describes permitted colouring matters) and from Part II of that Schedule (which specifies the specific purity criteria relating to those colouring matters)

(i) the items relating to the following colouring matters: —

Orange G,

Chocolate Brown FB; and

(ii) the words “or Channel black” in the item relating to Carbon black E153;

(b) by inserting in Part I of Schedule 1 immediately after the item relating to Riboflavin or Lactoflavin the following item:—

Column 1	Column 2	Column 3	Column 4
<i>Name of colour</i>	<i>Serial number</i>	<i>Colour index (1971) number</i>	<i>Systematic name or description</i>
Riboflavin-5'-phosphate	—	—	Riboflavin 5'- (sodium phosphate)

(a) See S.R. & O. (N.I.) 1964 No. 205 (p. 937) art. 5 and Sch. 2 Part I and 1973 c. 36 s. 40 and Sch. 5 para. 8

(b) Added by S.R. & O. (N.I.) 1972 No. 363 (p. 1767)

(c) 1958 c. 27 (N.I.)

(d) S.R. & O. (N.I.) 1973 No. 466 (II, p. 2705)

(e) The relevant amending regulations are S.R. 1975 No. 283 (II, p. 1370) and S.R. 1976 No. 382 (II, p. 2185)

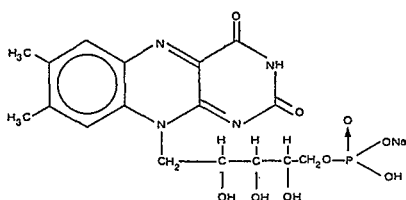
(c) by inserting in Part II of Schedule 1 immediately after the item relating to E101 Riboflavin or Lactoflavin the following specific purity criteria:—

*"Riboflavin-5'-phosphate*

Chemical description

Riboflavin-5'-phosphate (riboflavin 5'-(sodium phosphate)) consists primarily of the monosodium salt of the 5'-monophosphate ester of riboflavin. It also contains small amounts of unesterified riboflavin, other riboflavin phosphate esters and the disodium salt of riboflavin 5'-monophosphate ester.

Structure of the major component



Description

Orange-yellow powder, practically odourless and with a less bitter taste in solution than unesterified riboflavin.

Content

Not less than 70 per centum and not more than 75 per centum of total (free and esterified) riboflavin, calculated as riboflavin, determined by fluorescence at 460 nm.

Free riboflavin

Not more than 6.0 per centum.

Specific rotation,  $[\alpha]_D^{20}$ , of material dried at 100°C for 5 hours *in vacuo* over phosphorus pentoxide

Not less than +38° and not more than +42° using a 1.5 per centum weight/volume solution in 20 per centum weight/volume hydrochloric acid.

Volatile matter

Not more than 8.0 per centum after drying at 100°C for 5 hours *in vacuo* over phosphorus pentoxide.

Inorganic phosphate

Not more than 1.0 per centum, calculated as  $PO_4$ , on a volatile matter-free basis.

Sulphated ash

Not more than 25 per centum.

pH of a 1 per centum weight/volume solution

Not less than 5.0 and not more than 6.5.

Lumiflavin

Not more than 250 mg. per kg."

Sealed with the Official Seal of the Department of Health and Social Services for Northern Ireland on 23rd February 1979.

(L.S.)

S. W. McDowell

Assistant Secretary

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### EXPLANATORY NOTE

*(This note is not part of the regulations but is intended to indicate their general purport.)*

These regulations come into operation on 9th April 1979 and further amend the Colouring Matter in Food Regulations (Northern Ireland) 1973

The regulations—

- (a) remove the colouring matters Orange G, Chocolate Brown FB and the Channel Black form of Carbon Black from the list of colouring matters permitted in or on food;
- (b) add to the list of permitted colouring matters the substance riboflavin -5'-phosphate and prescribe specific purity criteria for that colouring matter.

The removal of Orange G and Chocolate Brown FB and the addition of riboflavin-5'-phosphate are in implementation of the provisions of the Council Directive of 23rd October 1962 (OJ No. L115/62) on the approximation of the rules of the Member States concerning the colouring matters authorised for use in foodstuffs intended for human consumption, as amended by the Act annexed to the Treaty of Accession to the European Economic Community (Article 133 and Annex VII:IX) and by Council Directive No. 78/144/EEC (OJ No. L44/78).