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 STATUTORY INSTRUMENTS
 

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## 1979 No. 107 (S.12)

## FOOD AND DRUGS

## COMPOSITION AND LABELLING

**The Colouring Matter in Food (Scotland) Amendment Regulations  
1979**

<i>Made - - - -</i>	<i>30th January 1979</i>
<i>Laid before Parliament</i>	<i>13th February 1979</i>
<i>Coming into Operation</i>	<i>7th March 1979</i>

In exercise of the powers conferred on me by sections 4, 7 and 56 of the Food and Drugs (Scotland) Act 1956(a), and of all other powers enabling me in that behalf, and after consultation with such organisations as appear to me to be representative of interests substantially affected by these regulations and after reference to the Scottish Food Hygiene Council under section 25 of the said Act (in so far as the regulations are made in exercise of the powers conferred by the said section 7), I hereby make the following regulations:—

*Citation and commencement*

1. These regulations may be cited as the Colouring Matter in Food (Scotland) Amendment Regulations 1979, and shall come into operation on 7th March 1979.

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

2. The Colouring Matter in Food (Scotland) Regulations 1973(b) shall be further amended—

(a) by deleting from the table in Part I of Schedule 1 thereto (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 thereto immediately after the item relating to Riboflavin or Lactoflavin the following item:—

Column 1	Column 2	Column 3	Column 4
Name of Colour	Serial Number	Colour Index (1971) Number	Systematic Name or Description
Riboflavin-5'-phosphate	—	—	Riboflavin 5'- (sodium phosphate)

(a) 1956 c. 30; amended by section 4(1) of, and paragraph 3(1) of Schedule 4 to the European Communities Act 1972 (c. 68).

(b) S.I. 1973/1310; relevant amending instruments are S.I. 1975/1595, 1976/2232.

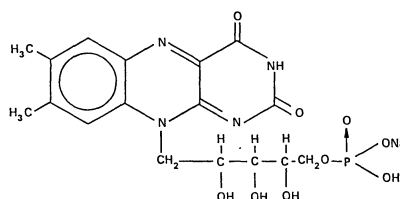
(c) by inserting in Part II of Schedule 1 thereto immediately after the item relating to E101 Riboflavin or Lactoflavin the following specific purity criteria:—

“*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.”.

*Bruce Millan,*  
One of Her Majesty's Principal  
Secretaries of State.

New St Andrew's House,  
Edinburgh.  
30th January, 1979.

**EXPLANATORY NOTE**

*(This Note is not part of the Regulations.)*

These Regulations come into operation on 7th March 1979 and further amend the Colouring Matter in Food (Scotland) Regulations 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 23 October 1962 (OJ No. L115/62) on the approximation of the rules of the Member States concerning the colouring matters authorised for use in food stuffs intended for human consumption, as amended by the Act annex to the Treaty of Accession to the EEC (Article 133 and Annex VII:IX) and by Council Directive No. 78/144/EEC (OJ No. L44/78).

SI 1979/107  
ISBN 0-11-093107-6



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