

APPENDIX 2

Selective Extraction Questions

For any product in question which enters Box 5 of the NATCOL Decision Tree, the decision regarding whether the product has or has not been selectively extracted should be assessed on a case by case basis by considering the following questions.

Selective extraction may have been achieved if:

- 1) Characteristic properties of the raw material foodstuff are mostly lost.
- 2) The ratio of the content of a specified individual substance or group of substances (e.g. characteristic flavour compounds or polyphenolic compounds or nutritive components) to that of the colouring principles is significantly different from that present in the original foodstuff.
- 3) Reconstitution (by dilution or dispersion) of the extract/concentrate does not provide a consumable product with recognisable properties of the raw material foodstuff.
- 4) The colorants present in the raw material have been separated into two or more fractions each containing a different colorant such that no fraction provides the same colour as the raw material.

In a specific case if the answers to at least 3 of these questions are “YES” then the corresponding product should be considered as selectively extracted and should progress to Box 6 of the Decision Tree.

If one or two of these questions are answered with “YES” then on a case by case basis the product in question should be assessed further.

If the answers to all of these questions are “NO” then the corresponding product should be considered as not selectively extracted and thereby deemed to be a Colouring Foodstuff.

Note:

The number of extraction steps used is not relevant to deciding whether selective extraction has been achieved. A single extraction process may be all that is necessary to selectively isolate one colorant from the raw material. Utilising two extraction steps may not achieve selective extraction of the colorant (s) particularly if the second step is designed with another purpose in mind (e.g. removing bitterness or caffeine).