Indian Standard

PEPPER AND PEPPER OLEORESINS —
DETERMINATION OF PIPERINE CONTENT —
METHOD USING HIGH-PERFORMANCE LIQUID
CHROMATOGRAPHY

1 Scope

This International Standard specifies a method for the determination, by high-performance liquid chromatography, of the piperine content of peppers (Piper nigrum Linnaeus), whole or powdered, as well as their extracts (oleoresins).

This method enables the separation and, if necessary, the determination of the other alkaloids of pepper (isochavicine, isopiperine and piperittin).

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below.

Members of IEC and ISO maintain registers of currently valid International Standards.


ISO 5564:1982, Black pepper and white pepper, whole or ground — Determination of piperine content — Spectrophotometric method.