
Essential oils — Sampling

Huiles essentielles — Échantillonnage



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Foreword

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Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 212 was prepared by Technical Committee ISO/TC 54, *Essential oils*.

This second edition cancels and replaces the first edition (ISO 212:1973), which has been technically revised.

Introduction

The organoleptic, physical and chemical characteristics of batches of essential oils are determined by means of examination of the samples.

A satisfactory sampling operation therefore needs to provide, for analysis, samples representative of the batches from which they originate without modification of the original composition.

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Essential oils — Sampling

1 Scope

This International Standard gives the general rules for the sampling of essential oils, in order to provide a laboratory with quantities that are suitable to be handled for expertise purposes.

In the presence of a high content of water or other foreign bodies, this method may only be applicable to the “essential oil” fraction free from water and impurities.

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1

delivery

quantity of essential oil dispatched at a single time and forming the subject of a specific contract or dispatch document

NOTE The delivery may be made up of one or more batches.

2.2

batch

identified quantity of essential oil, assumed to have uniform characteristics, made up of one or more containers

2.3

container

recipient constituting the whole or part of the batch and containing the essential oil to be sampled

2.4

increment

quantity of essential oil sampled at a single time at a point in the container to be sampled

2.5

sample

quantity of essential oil obtained by mixing the different increments of a container

NOTE On the basis of the samples, the laboratory may conduct its own sampling plan in view of the analysis. The sampling plan is not covered in this International Standard.

3 Apparatus

The sampling devices and the related instruments shall be made of materials which do not affect the sampled essential oil.