
International Standard



6756

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Decorticated stone pine nuts — Specification

Pignons décortiqués — Spécifications

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Foreword

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Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 6756 was developed by Technical Committee ISO/TC 34, *Agricultural food products*, and was circulated to the member bodies in January 1983.

It has been approved by the member bodies of the following countries:

Austria	Italy	South Africa, Rep. of
Canada	Korea, Dem. P. Rep. of	Turkey
Czechoslovakia	Korea, Rep. of	USSR
Hungary	Poland	Yugoslavia
India	Portugal	
Iran	Romania	

No member body expressed disapproval of the document.

Decorticated stone pine nuts — Specification

1 Scope and field of application

This International Standard specifies requirements for decorticated stone pine nuts, obtained from the stone pine tree (*Pinus pinea* Linnaeus), for human consumption. It does not apply to roasted or processed decorticated stone pine nuts.

2 Definitions

For the purpose of this International Standard, the following definitions apply.

2.1 pest-infested decorticated stone pine nuts: Kernels damaged by insect infestation and/or infestation by other animal pests.

2.2 rodent-damaged decorticated stone pine nuts: Kernels damaged by rodents.

2.3 spoiled decorticated stone pine nuts: Rancid, fermented, mouldy, rotten, crushed, pest-infested and rodent-damaged kernels and kernels stained red or black.

2.4 broken decorticated stone pine nuts: Kernels which are not whole, but of which less than half of the kernel is missing.

2.5 pieces of kernels: Broken pieces smaller than half of a kernel.

2.6 shrivelled kernels: Undeveloped and misshapen kernels.

2.7 soft kernels: Kernels which, when pressed between thumb and forefinger, can be easily crushed.

2.8 brittle kernels: Kernels which, when pressed between thumb and forefinger, can be easily broken.

2.9 kernels of different type and origin: Kernels which are distinguishable by their shape, especially the shape of their tips, their size, colour and other properties (for example brittleness or softness).

2.10 moisture content (of decorticated stone pine nuts): The quantity of water distilled and collected by the method specified in annex B of this International Standard, and expressed as a percentage by mass.

3 Description and grading

Decorticated stone pine nuts are dry kernels of the seeds of *Pinus pinea* Linnaeus. The kernels should be sound, clean, well developed and dried. Their integuments should be stripped off. They should have characteristic shape and colour (from light to dark ivory or dirty yellow) according to type and origin. Kernels should not be soft and brittle.

They may be graded according to type and origin.

4 Requirements

4.1 Odour and taste

The odour and taste of the decorticated stone pine nuts shall be characteristic. The kernels shall be free from foreign odour and taste.

4.2 Freedom from moulds, insects, etc.

Decorticated stone pine nuts shall be free from living insects and/or other animal pests and shall be practically free from moulds, dead insects and insect fragments visible to the naked eye (corrected, if necessary, for abnormal vision) or with such magnification as may be necessary in any particular case. If the magnification exceeds X 10, this fact shall be stated in the test report.

4.3 Extraneous matter

The proportion of extraneous matter, such as dust, sand, stones, dirt, pieces of shell and integument or pieces of cortex (shell) or any other foreign matter among the decorticated stone pine nuts shall not exceed the value given in the table.

4.4 Spoiled (including pest-infested and rodent-damaged) decorticated stone pine nuts

The proportion of spoiled kernels shall not exceed the value given in the table.