

SORGHUN GRAIN

This standard specifies sorghum grains (as defined in Clause 2 of this standard) for

SCOPE

human consumption and shall not apply for products derived from sorghum grains. **DEFINITIONS** They are whole or decorticated grains obtained

from the species of Sorghum bicolor L Moench

WHOLE SORGHUM GRAINS They are sorghum grains obtained after a complete threshing process without any

further treatment on them

DECORTICATED SORGHUM GRAINS They are sorghum grains from which the outer

layers and the germs have been removed completely or partially using mechanical treatment (with max level 20 %)



modified

requirements

REQUIREMENTS

Shall have their characteristic taste, odors and odor and free from abnormal odor and taste.

GENERAL REQUIREMENTS:

Free from insects and their fragments, rodents and their remains and birds remains.

- visual mold growth Safe and shall not contain toxic seeds or hazards to human health.

ASH (MAX) BROKEN SEEDS (MAX) ■ 2,1 ■ 1,5 ■ SDS 1015:2014

TECHNICAL REQUIREMENTS

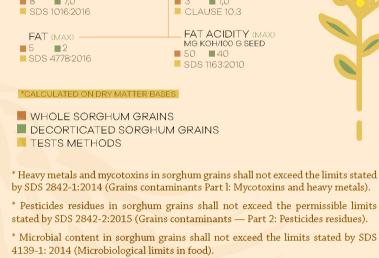
stated in the following MOISTURE (MAX)

SDS 487:2010

CLAUSE 10.2 PROTEIN CONTENT (MIN)-FOREIGN MATTERS (MAX)

Sorghum grains shall have the properties according to the limits

TANNIN (MAX) ■ 0,5 ■ 0,3 ■ SDS 4443:2009



* Radiation level in Sorghum grains shall not exceed 10 Bickerel/kg

SAMPLING Samples shall be withdrawn in accordance with the Sudanese Standard SDS 1005:2014 (Sampling of grains)

PACKAGING

Sorghum grains shall be packed in sound, clean, containers which has never been used before and shall not lead to contamination of the grains and shall meet the requirements of SDS2390 (Plastic sacks for food stuff substances)

LABELLING In addition to the requirements stated in SDS 2889:2015 (Packed Food or Label Specification) the following information shall be shown on the package and the paper documents whereas for bulk material information shall be on the paper documents only

DATE OF PRODUCTION & EXPIRATION MONTH/YEAR)

NET WEIGHT BY KG OR ITS UNITS

COUNTRY OF



NAME OF THE PRODUCERS AND TRADE MARK

PRODUCT NAME

SORGHUM GRAINS

TRANSPORTATION

shall be

protect them from atmospheric change, insect and rodents, contamination and mechanical damage. - Means of transport shall be clean and have not been used for transporting pesticides,

grains transported in such a way to

Sorghum

herbicides or any toxic or pungent substances

standard.

TEST METHODS

of hazardous material for human health.

 The stores shall protect the grains from damage caused by insects, rodent, other pests and moisture. O Storage facilities shall maintain the physical, chemical and technological properties of the grains and shall meet the requirements of SDS 3891 (Food store)

Broken kernels shall be tested using a sieve with 1 mm - 1,75 mm aperture then weighed and calculated as percentage of total sample weight (100 g). Foreign grains shall be tested by visual isolation then weighed and calculated as percentage of total

Sorghum grains properties shall be tested

according to the methods included in the

table stated in Clause 3.2.1 of this





1. Codex Alimentary - Codex Standard 173-1989. 2. Egyptian Standard, ES 2909:2005 (Sorghum grains)