

THE DEFINITIONS OF THE SPECIFICATIONS FOR EXPORTS 100.000 TONS (+/- %5) DURUM WHEAT TO LOAD FROM MERSİN PORT

THE SPECIFICATION OF EXPORT DURUM WHEAT		
The Year of Production	2022-2023	
Moisture (%) (ISO 712)	(max)	12
Test Weight (Kg/hl) (ISO 7971-3)	(min)	76,5
Foreign Material (%)	(max)	3
Other Grains (%)	(max)	3
Insect Damaged Kernels (%)	(max)	2
Broken - Thin and Shrunken Kernels (%)	(max)	10
Kernels with Blackened Embryo (%)	(max)	4
Vitreous Kernel (%)	(min)	50
Protein (%) (Dry basis Nx5,7) (ISO 20483) (AOAC 2001.11)	(min)	11,5

DEFINITIONS OF DURUM WHEAT SPECIFICATIONS

MOISTURE: Percent of moisture which the product contains (ISO 712).

TEST WEIGHT: Weight of 100 litres of wheat in terms of kg (ISO 7971-3).

FOREIGN MATERIAL: All matter in a sample of cereals retained by a sieve with apertures of 3.55 mm, (with the exception of grains of other cereals and particularly large grains of the basic cereal) and that passing through a sieve with apertures of 1.0 mm shall be considered extraneous matters. Also stones, sand, fragments of straw and other impurities in the samples retained by a sieve with apertures of 1.0 mm are included in extraneous matters.

OTHER CEREALS: The grain kernels other than durum wheat (common wheat, barley, rye, oats, millet, corn, etc.) in the durum wheat.

GRAINS DAMAGED BY PESTS: These are full and broken wheat kernels which are drilled, absorbed and gnawed damaged by store pests and all other field pests (including wheat bug).

BROKEN, THIN AND SHRUNKEN KERNELS: The thin, shrunken, broken kernels, broken kernels of remaining on sieve, frost-damaged and raw kernels that pass through 1,9 mm long-hole sieve after elimination and the kernels that are broken by more than one fourth, with visible embryo, fallen embryo.

KERNELS WITH BLACKENED EMBRYO: Kernels with embryo membrane of brown to brownish-black color but non-sprouting and with robust embryos (If there is a darkening of up to 1/3 of the size of the embryo, this is considered as healthy grain).

VITREOUS KERNEL: The kernel which has %100 aspect of vitreous as a sight or cross section.

PROTEIN: Percentage of protein which the wheat content. In calculating, $N \times 5,7$ (in dry base) factor is used (**ISO 20483**) (AOAC 2001.11).

THE DEFINITIONS OF THE SPECIFICATIONS FOR EXPORTS 50.000 TONS (+/- %5) DURUM WHEAT TO LOAD FROM İSKENDERUN PORT

THE SPECIFICATION OF EXPORT DURUM WHEAT		
The Year of Production	2022-2023	
Moisture (%) (ISO 712)	(max)	12
Test Weight (Kg/hl) (ISO 7971-3)	(min)	80
Foreign Material (%)	(max)	3
Other Grains (%)	(max)	3
Insect Damaged Kernels (%)	(max)	2
Broken - Thin and Shrunken Kernels (%)	(max)	10
Kernels with Blackened Embryo (%)	(max)	4
Vitreous Kernel (%)	(min)	70
Protein (%) (Dry basis Nx5,7) (ISO 20483) (AOAC 2001.11)	(min)	12,5

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TEST WEIGHT: Weight of 100 litres of wheat in terms of kg **(ISO 7971-3)**.

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