

shall be withheld until corrective action is completed to the satisfaction of the USDA.

Subpart—United States Standards for Grades of Canned Red Tart Pitted Cherries¹

SOURCE: 39 FR 13963, Apr. 18, 1974, unless otherwise noted. Redesignated at 42 FR 32514, June 27, 1977 and at 46 FR 63203, Dec. 31, 1981.

IDENTITY AND GRADES

§ 52.771 Identity.

Canned red tart pitted cherries is the product represented as defined in the standard of identity for canned cherries (21 CFR 145.125(a)), issued pursuant to the Federal Food, Drug, and Cosmetic Act, and packed in one of the liquid media specified in § 52.773; and is sealed in a hermetically sealed container and so processed by heat as to prevent spoilage.

§ 52.772 Grades.

(a) "U.S. Grade A" (or "U.S. Fancy") is the quality of canned red tart pitted cherries that have at least the following attributes:

- (1) At least a reasonably good color;
- (2) Practically free from pits;
- (3) Practically free from defects;
- (4) Good character;
- (5) Normal flavor and odor; and

(6) Score not less than 90 points when scored in accordance with the scoring system outlined in this subpart.

Canned red tart pitted cherries of this grade may contain not more than eight cherries per sample unit that are less than 9/16 inch (14 mm) in diameter.

(b) "U.S. Grade B" (or "U.S. Choice") is the quality of canned red tart pitted cherries that have at least the following attributes:

- (1) Reasonably good color;
- (2) Reasonably free from pits;
- (3) Reasonably free from defects;
- (4) Reasonably good character;
- (5) Normal flavor and odor; and

¹Compliance with the provisions of the standards shall not excuse failure to comply with the provisions of the Federal Food, Drug, and Cosmetic Act, or with applicable State laws and regulations.

(6) Score not less than 80 points when scored in accordance with the scoring system outlined in this subpart.

Canned red tart pitted cherries of this grade may contain not more than 15 cherries per sample unit that are less than 9/16 inch (14 mm) in diameter.

(c) "U.S. Grade C" (or "U.S. Standard") is the quality of canned red tart pitted cherries that have at least the following attributes:

- (1) Fairly good color;
- (2) Fairly free from pits;
- (3) Fairly free from defects;
- (4) Fairly good character;
- (5) Normal flavor and odor; and

(6) Score not less than 70 points when scored in accordance with the scoring system outlined in this subpart.

There is no size requirement for canned red tart pitted cherries of this grade.

(d) "Substandard" is the quality of canned red tart pitted cherries that fail to meet the requirements of "U.S. Grade C."

LIQUID MEDIA AND BRIX MEASUREMENTS

§ 52.773 Liquid media and Brix measurements.

(a) Brix measurement requirements for the liquid media in canned red tart pitted cherries are not incorporated in the grades of the finished product since sirup, or any other liquid medium, as such, is not a factor of quality for the purpose of the grades. The designation of liquid packing media and Brix measurements, where applicable, are as follows:

Designations	Brix measurements
"Extra heavy sirup;" or "Extra heavily sweetened fruit juice(s) and water;" or "Extra heavily sweetened fruit juice(s)."	28° or more but not more than 45°.
"Heavy sirup;" or "Heavily sweetened fruit juice(s) and water;" or "Heavily sweetened fruit juice(s)."	22° or more but less than 28°.
"Light sirup;" or "Lightly sweetened fruit juice(s) and water;" or "Lightly sweetened fruit juice(s)."	18° or more but less than 22.
"Slightly sweetened water;" or "Slightly sweetened fruit juice(s) and water;" or "Slightly sweetened fruit juice(s)."	Less than 18°.
"In water"	Not applicable.
"In fruit juice(s) and water."	Do.
"In fruit juice(s)"	Do.

(b) The densities of the packing media, as listed in this section, are

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measured on the refractometer, expressed as percent by weight sucrose (degrees Brix) with correction for temperature to the equivalent at 20° C. (68° F.), but without correction for invert sugars or other substances. The Brix measurement of the packing media may be determined by any other method which gives equivalent results.

(c) Brix determination is made on the packing media 15 days or more after the cherries are canned or on the blended homogenized slurry of the comminuted entire contents of the container if canned for less than 15 days.

[39 FR 13963, Apr. 18, 1974, as amended at 41 FR 15020, Apr. 9, 1976. Redesignated at 42 FR 32514, June 27, 1977 and further redesignated at 46 FR 63203, Dec. 31, 1981]

FILL OF CONTAINER

§ 52.774 Fill of container.

(a) *FDA requirements.* Canned red tart pitted cherries shall meet the fill of container requirements as set forth in the regulations of the Food and Drug Administration (21 CFR 145.125(c)).

(b) *Recommended minimum drained weights—(1) General.* The minimum drained weight recommendations for the various container sizes and types of packing media as listed in Table I of this section are not incorporated in the grades of the finished product since drained weight, as such, is not a factor of quality for the purpose of these grades.

(2) *Definitions.*

Sample average—Average of all the drained weights of the sample containers representing a lot.

X_a—A specified minimum sample average drained weight.

LL—Lower limit for individual container drained weight.

(3) *Method for ascertaining drained weight.* The drained weight of canned red tart pitted cherries is determined by emptying the contents of the container upon a U.S. Standard No. 8 circular sieve of proper diameter containing eight meshes to the inch (0.0937 inch (2.3 mm), ±3 percent, square openings) so as to distribute the product evenly over the sieve. Without shifting the product, incline the sieve at an angle of 17° to 20° to facilitate drainage and allow to drain for two minutes. The weight of drained cherries is the

weight of the sieve and product less the weight of the dry sieve. A sieve eight inches in diameter is used for No. 3 size containers (404 × 414) and smaller, and a sieve 12 inches in diameter is used for containers larger than No. 3 size containers.

(4) *Compliance with recommended minimum drained weights.* A lot of canned red tart pitted cherries is considered as meeting the minimum drained weight recommendations when the following criteria are met:

(i) The sample average meets the specified minimum sample average drained weight (designated as “X_a” in Table I); and

(ii) The number of sample containers which fail to meet the minimum drained weight for individual containers (designated as “LL” in Table I) does not exceed the applicable acceptance number specified in Table II.

(c) *Recommended fill weights—(1) General.* The minimum fill weight recommendations for the various container sizes in Table III of this section are not incorporated in the grades of the finished product since fill weight, as such, is not a factor of quality for the purpose of these grades.

TABLE I—RECOMMENDED MINIMUM DRAINED WEIGHTS FOR CANNED RED TART PITTED CHERRIES

Container designation	Packed in water or cherry juice (ounces)		Packed in any sirup or slightly sweetened water (ounces)	
	LL	X _d	LL	X _d
No. 303 (303 × 406) ..	10.7	11.0	9.9	10.2
No. 303 Cylinder (303 × 509)	14.0	14.4	12.7	13.1
No. 2 (307 × 409)	13.1	13.5	12.3	12.7
No. 10 (603 × 700)	71.2	72.0	69.4	70.2

TABLE II—SINGLE SAMPLING PLANS AND ACCEPTANCE NUMBERS

Sample Size (No. of sample containers) ..	3	6	13	21	29	38	48	60
Acceptance numbers ..	0	1	2	3	4	5	6	7

(2) *Definitions.*

Subgroup A group of sample containers representing a portion of a sample.

X' min A specified minimum lot average fill weight.

LWL^x Lower warning limit for subgroup averages.

LRL_x Lower reject limit for subgroup averages.

LWL Lower warning limit for individual fill weight measurements.