

**USDA SPECIFICATION FOR CERTIFICATION OF BEEF CARCASS
QUALITY AND YIELD CHARACTERISTICS OF OFFICIALLY GRADED BEEF**

This specification is for certification by an Agricultural Marketing Service (AMS) agent of U.S. Prime and Choice steer and heifer beef carcasses which: (a) are derived from cattle that meet the genotypic requirements of the USDA Specification for Characteristics of Cattle Eligible for Approved Beef Programs Claiming Akaushi Influence (GLAk; Akaushi \geq 93.75% or Akaushi Cross 50%), (b) are derived from livestock in the USDA, AMS Non-Hormone Treated Cattle (NHTC) Program (www.ams.usda.gov/ARCAudits) and (c) meet the following set of requirements:

1. Lean color, texture, firmness, and skeletal characteristics must meet the requirements of overall A or B maturity in the U.S. grade it qualifies for;
2. For Certified Akaushi (\geq 93.75%), a marbling score of:
 - a. HeartBrand Certified Akaushi International All Natural Premium Beef, Prime - Full range of marbling allowable in the Prime grade for the corresponding A or B maturity;
 - b. HeartBrand Certified Akaushi International All Natural Premium Beef, Choice - Full range of marbling allowable in the Choice grade for the corresponding A or B maturity;

For Certified Akaushi Cross (50%), a marbling score of:

- c. HeartBrand Certified Akaushi International All Natural Beef, Prime – Full range of marbling allowable in the Prime grade for the corresponding A or B maturity;
 - d. HeartBrand Certified Akaushi International All Natural Beef, Choice – Full range of marbling allowable in the Choice grade for the corresponding A or B maturity;
3. Medium or fine marbling texture;
4. Practically free (not detracting from visual quality) of capillary rupture in the ribeye muscle;
5. Free of “dark cutting” characteristics;
6. Moderately thick or thicker muscling and tend to be moderately wide and thick in relation to their length; and
7. No hump exceeding 2 inches in height.

Items 1 and 2 shall be determined in accordance with the “Official United States Standards for Grades of Carcass Beef.”

Item 3 shall be evaluated using the USDA-AMS-LS-SB-02 Marbling Texture card.

Item 6, muscle thickness, is evaluated by averaging the thickness of the various parts, considering not only the proportion (%) each part is of the carcass but also the general value of each part. Superior muscle thickness implies a high proportion of meat to bone and a high proportion of the weight of the carcass in the more valuable parts.

Item 7 shall be measured from a line formed by the extension of the top line (including the fat)

and measuring the lean muscle (excluding the fat) perpendicular to that line in the center of the hump.

CERTIFICATION:

Carcasses to be examined for compliance with the requirements of this specification shall be clearly identified when presented to the AMS agent for certification. Procedures for identification, certification, the removal of preliminary identification marks (or other methods of control) from non-qualifying carcasses, and control of certified carcasses shall be in accordance with established Meat Grading and Certification (MGC) Branch procedures. The AMS agent shall certify acceptable carcasses and complete the Live Animal/Carcass Certification Worksheet (Form LS-5-6).

The costs of all grading and certification services performed by the AMS agent involving examinations, supervision, official documentation, and related services shall be borne by the person, group, or plant requesting the service.

LABELING:

Labeling of HeartBrand Certified Akaushi International All Natural Premium Beef Program products and HeartBrand Certified Akaushi International All Natural Beef Program products shall be in compliance with Food Safety and Inspection Service regulations and policy guidelines, MGC Branch instructions and Livestock and Seed Program Policy Standardization Procedure 2 (LS Policy SP2).