



September 13, 2019

**Gluten Free Status – Pulse Products**

On August 5, 2013 the FDA published the final rule to define the term “gluten-free” for voluntary use in the labeling of foods (78 FR 47154). This final rule defines the term “gluten free” to mean that the food bearing the claim:

- 1) Does not contain any one of the following:
  - a. An ingredient that is a gluten-containing grain;
  - b. An ingredient that is derived from a gluten-containing grain and that has not been processed to removed gluten; or
  - c. An ingredient that is derived from a gluten-containing grain and that has been processed to removed gluten, if the use of that ingredient results in the presence of 20 ppm or more gluten in the food;

or

- 2) Inherently does not contain gluten and any unavoidable presence of gluten in the food is below 20 ppm.

The final rule defines “gluten” as the proteins that naturally occur in a gluten-containing grain and that may cause adverse health effects in persons with celiac disease. “Gluten-containing grain” is defined as any one of the grains wheat (*Triticum*), rye (*Secale*), or barley (*Hordeum*), or their crossbred hybrids.

Based on this information, we are pleased to affirm that the products listed below meet the definition of “gluten-free”. Thank you for your interest in Ingredion Incorporated products.

*North America Quality Assurance*

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HEMECRAFT® Pulse 1101 Flour	HEMECRAFT® Pulse 3103 Flour	HEMECRAFT® Pulse CT 1203 Flour
HEMECRAFT® Pulse 1103 Flour	HEMECRAFT® Pulse 4101 Flour	HEMECRAFT® Pulse CT 2203 Flour
HEMECRAFT® Pulse 1135 Flour	HEMECRAFT® Pulse 4135 Flour	HEMECRAFT® Pulse CT 3203 Flour
HEMECRAFT® Pulse 1157	HEMECRAFT® Pulse 5101 Flour	HEMECRAFT® Pulse CT 4201 Flour
HEMECRAFT® Pulse 1157 Organic	HEMECRAFT® Pulse 5135 Flour	VITESSENCE™ Pulse 1550 Organic Protein
HEMECRAFT® Pulse 2101 Flour	HEMECRAFT® Pulse 6101 Flour	VITESSENCE™ Pulse 1550 Protein
HEMECRAFT® Pulse 2103 Flour	HEMECRAFT® Pulse 6135 Flour	VITESSENCE™ Pulse 2550 Protein
HEMECRAFT® Pulse 2135 Flour	HEMECRAFT® Pulse 6157	VITESSENCE™ Pulse 3600 Protein
HEMECRAFT® Pulse 3101 Flour	HEMECRAFT® Pulse 6157 Organic	VITESSENCE™ Pulse CT 1552 Protein
HEMECRAFT® Pulse CT 2201 Flour	VITESSENCE™ Pulse 155030 Protein	VITESSENCE™ Pulse CT 3602 Protein