



January 1, 2020

Allergen & Sensitizing Agent Information Regarding Pulse Products

With regards to your inquiry concerning the lentil, faba bean & chickpea pulse products listed below:

HEMECRAFT® Pulse 2101 Flour	HEMECRAFT® Pulse 4101 Flour	HEMECRAFT® Pulse CT 2201 Flour
HEMECRAFT® Pulse 2102 Flour	HEMECRAFT® Pulse 4102 Flour	HEMECRAFT® Pulse CT 2203 Flour
HEMECRAFT® Pulse 2103 Flour	HEMECRAFT® Pulse 4135 Flour	HEMECRAFT® Pulse CT 3203 Flour
HEMECRAFT® Pulse 2135 Flour	HEMECRAFT® Pulse 4601 Flour	HEMECRAFT® Pulse CT 4201 Flour
HEMECRAFT® Pulse 3101 Flour	HEMECRAFT® Pulse 5101 Flour	VITESSENCE™ Pulse 2550 Protein
HEMECRAFT® Pulse 3103 Flour	HEMECRAFT® Pulse 5135 Flour	VITESSENCE™ Pulse 3600 Protein
		VITESSENCE™ Pulse CT 3602 Protein

The attached table provides information concerning the presence of allergens and sensitizing agents:

ALLERGENS				
Material	Contained as ingredient?	May be present at plant?	Present in raw materials?	Present in product?
Milk ^{1,2,3}	No	No	No	No
Eggs ^{1,2,3}	No	No	No	No
Fish ^{1,2,3}	No	No	No	No
Crustacean shellfish ^{1,2,3}	No	No	No	No
Molluscs ^{2,3}	No	No	No	No
Tree Nuts ^{1,2,3}	No	No	No	No
Peanuts ^{1,2,3}	No	No	No	No
Legumes	Yes	Yes	Yes	Yes
Soybeans ^{1,2,3, 5}	No	No	Trace ⁵	<2.5 ppm Soy Flour ⁶
Wheat ^{1,2,5}	No	No	Trace ⁵	< 20 ppm Gluten ⁷
Gluten-containing Grains ^{2,3,4, 5}	No	No	Trace ⁵	< 20 ppm Gluten ⁷
Sesame seeds ^{2,3}	No	No	No	No
Celery ³	No	No	No	No
Mustard ^{3, 5}	No	No	Trace ⁵	<2.5 ppm ⁸
Lupin ³	No	No	No	No
Sulfites ^{2,3}	No	No	No	No

¹ Allergens identified by the FDA as causing serious allergic reactions in some individuals

² Priority Food Allergens identified by Health Canada

³ Substances or products causing allergies or intolerances in accordance with Annex II of Regulation (EC) 1169/2011 on Food Information for Consumers

⁴ Gluten-containing grains include barley, oats, rye, triticale, wheat, kamut, spelt, or their hybridized strains.

⁵ Elimination of contamination from field cannot be guaranteed, but levels are controlled within stated limits.



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⁶ Test Method: US-AgraQuant ELISA Allergen Test Kit (Soy trypsin-Inhibitor (STI) X conversion factor 42.5)

⁷ Test Method: R7001 Ridascreen by rBiopharm

⁸ Test Method: US-AgraQuant ELISA Allergen test kit for mustard

OTHER INGREDIENT INFORMATION		
Material	Contained as ingredient? May be present at plant?	
MSG	No	No
HVP	No	No
BHA	No	No
BHT	No	No
TBHQ	No	No
Colorings	No	No

- MSG: Monosodium glutamate
- HVP: Hydrolyzed vegetable protein
- BHA: Butylated hydroxyanisole
- BHT: Butylated hydroxytoluene
- TBHQ: Tertiary butylhydroquinone
- Colorings: FD&C certified (including Yellow 5 & 6), titanium dioxide, carmine, artificial colorings.

Thank you for your interest in Ingredion Incorporated products. For further assistance, please contact us at NAQuality.Documents@ingredion.com.

North America Quality Assurance

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