

PRODUCT INFORMATION SHEET

Allergens Lupine, Black Sesame and Wheat (Gluten) in "gluten-free" Rice Cracker (baked) (negative)

PT originated REFERENCE MATERIAL (RM)

Description of the RM

Name / Material of related PT	DLA ptAL02 (2023) Allergens II : Lupine, Black Sesame and Wheat (Gluten) in "gluten-free" Rice Cracker (baked) - Sample A
Identifier / LOT	RM 2023-AL02 A
Expiry date	May 2027
Matrix	Rice Cracker (baked)
Physical description	Powder
Packaging / weight	Sealed foil poche / 25 g
Storage conditions	cooled 2 - 10°C, long term frozen < -18°C (dry and dark)
Name and address manufacturer	DLA - Proficiency Tests GmbH Hauptstr. 80, 23845 Oering, Germany Tel. ++49-(0)4532-9183358, Fax. ++49(0)4102-9944976 eMail. pt@dla-lvu.de, website. www.dla-lvu.de

Composition of Material

Ingredients	Amounts
Rice Cracker, gluten-free (baked 190°, 30 min) Ingredients: Rice flour, boiled rice, vegetable oil, mirin (sweet seasoning: corn maltose, fermented rice) and gluten-free soy sauce and salt	100 g/100 g

Minimum Sample Size

A minimum sample size of 5 g is recommended for sample preparation.

Reference Values

All reference values were derived from the related PT round (for more details see final report).

Reference Values qualitative ELISA + LFD

Parameter	Lupine*	Sesame*	Wheat Gluten*
Number positive	1	1	1
Number negative	7	8	15
Percent positive	13	11	6
Percent negative	88	89	94
Consensus value	negative	negative	negative

* Results of diverse ELISA Methods (LODs 0,2-2,6 mg/kg lupine, 0,14-2,5 mg/kg as sesame and 0,6-10 mg/kg gluten)

Reference Values qualitative PCR

Parameter	Lupine*	Sesame*	Wheat*
Number positive	0	0	0
Number negative	8	7	3
Percent positive	0	0	0
Percent negative	100	100	100
Consensus value	negative	negative	negative

* Results of diverse Lupine PCR Methods (LODs 0,4-10 mg/kg), Sesame PCR Methods (LODs 0,4-5,5 mg/kg) and Wheat PCR Methods (LODs 0,4-10 mg/kg)

Intended Use

- for laboratory use only, no food!
- validation of analytical methods
- control sample for quality control charts
- test material for inter-laboratory comparisons
- no medical use

Storage Instructions and Handling Information

The material should be stored as stated on page 1. Before use of the material should be warmed up to room temperature. The content should be mixed thoroughly prior to subsampling (see minimum sample size above). The material should be weighed immediately after opening of the foil pouche/bottle and closed again afterwards in order to avoid uptake of moisture. Frequent freezing and thawing should be avoided as this can lead to changes in the properties of the material. The expiry date of this RM is based on the current knowledge and applies only for proper storage conditions in the originally closed foil pouche/bottle.

Safety Precautions

The usual laboratory safety precautions should be applied when working with the RM considering the type of ingredients, parameters and its concentration.

Data Source

The material was analyzed by 19 laboratories within the related proficiency test (PT). Different analytical methods have been used.

Various

The user must determine the suitability of this RM for its particular purpose. DLA makes no warranty of any kind, expressed or implied, other than its products meet all quality control standards set by DLA. We do not guarantee this product can be used for a special application.

Datum / Date: 14 May 2024

Dr. Matthias Besler-Scharf (EP-Koordinator / PT-Coordinator)
- gezeichnet / signed M. Besler-Scharf

