PRODUCT INFORMATION SHEET

β-Lactoglobulin, Casein and Gluten in Infant Food (Infant Soy Formula) (negative)

PT originated REFERENCE MATERIAL (RM)

Description of the RM

Name / Material of related PT	*DLA ptAL03 (2023) Allergens III: β-Lactoglobulin, Casein and Gluten in Infant Food (Infant Soy Formula) - Sample B*
Identifier / LOT	*RM 2023-AL03 B*
Expiry date	*July 2027*
Matrix	*Infant Soy Formula*
Physical description	*Powder*
Packaging / weight	*Sealed foil pouche / 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
Infant Soy Formula, "dairy free" *(from birth)* **(for dietary management in cow's milk allergy or intolerance)** *Ingredients: maltodextrin, vegetable oils, soy protein isolate, vitamins, minerals, amino acids and other food additives and* *Nutrients per 100 g powder:* *Fat 23 g, Carbohydrates 58 g, Protein 11 g, Salt 0,5 g*	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

Parameter	ß-Lactoglobulin*	Casein*	Milk (as total Milk proteins)*	Gluten*
Number positive	0	0	0	0
Number negative	15	19	9	28
Percent positive	0	0	0	0
Percent negative	100	100	100	100
Consensus value	***negative***	***negative***	***negative***	***negative***

* Results of diverse ELISA Methods (LODs 0,0015-1,5 mg/kg β-Lactoglobulin, 0,04-2,5 mg/kg casein, 0,05-2,5 mg/kg milk proteins and 0,3-10 mg/kg gluten)

Reference Values qualitative PCR

Parameter	Wheat*
Number positive	0
Number negative	2
Percent positive	0
Percent negative	100
Consensus value	***negative***

* Results of diverse PCR Methods (LODs positive results not indicated)

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 29 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

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

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