

Declaration of conformity

On materials and articles intended to come in contact with food.

We, Laude BV, declare, that the below listed products comply with the following regulations/ legal provisions:

Product: Laude HQ-PE

- **EU – Regulation 1935/2004** from 27. October 2004 on plastic materials and articles intended to come into contact with food.
- **EU – Regulation 10/2011** from 14. January 2011 and its current amendments, on plastic materials and articles intended to come into contact with food. (Conform with the list of monomers and additives listed in Annex I + Annex II and the migration test)
- **EU – Regulation 2023/2006** from 22. December 2006 on Good Manufacturing Practice (GMP) for materials and articles intended to come into contact with food.
- **Lebensmittel- und Futtermittelgesetzbuch** (LFGB - German) §2 Abs. 6 Satz 1 Nr.1 from 24. July 2009. (Food and feed law book)
- **Bedarfsgegenständeverordnung** (BedGgstV - German) from 23. December 1997 (Commodities Regulation)

Organoleptic test, Mineral water 10 days, 40°C.

	Deterioration of smell		Deterioration of taste	
	Intensity	Significance	Intensity	Significance
	0,0	> 20%	0,5	> 20%
Limiting value:	max. 2,5	-	max. 2,5	-
Assessment:	passed		passed	

Scale of intensity: 0 = imperceptible / 1 = just discernible / 2 = discernible / 3 = clear / 4 = strong.

Overall and specific migration (EU)

According to EU Regulation 10/2011 it is allowed that substances out of articles made from plastic can migrate. The migration limit is 10 mg/dm². Under the following conditions migration tests were carried out on representative samples (4 mm planed plates): **Ratio surface to volume = 6 : 1 (S / V)**

Standardised testing conditions: "OM 2" = 10 days at 40°C, repeated contact (3rd Migrate).

Tested in 3% acetic acid (10 days at 40°C), ethanol 10% (10 days at 40°C) and olive oil (10 days at 40°C).

Contact up to 30 days at room temperature or below, including heating to a temperature T, where 70 ° C = T = 100 ° C, for a maximum of $t = 120/2^{(T-70)/10}$ minutes.

Overall migration limit:	acetic acid: 10 mg/dm ²	ethanol: 10 mg/dm ²	olive oil: 10 mg/dm ²
Result:	1 mg/dm ²	< 1 mg/dm ²	< 1 mg/dm ²
Specific migration limit:	(Test conditions: 10 days at 40°C)		
Result: Aluminum	Acetic acid 3%: 0,02 mg/kg.		Limiting value: 1,0 mg/kg
Result: Ref. 68320 (EU10/2011)	Olive oil: < 1,0 mg/kg.		Limiting value: 6,0 mg/kg

Assessment: Is abided according to nature and extent of migration tests of the tested samples.

Contact with food types: All types of food for repeated contact.

Dual-Use-Additives: In the following colour-no. are Dual-Use-Additives included: FN9762 = None

USA

- Food and Drug Administration (FDA – conform) acc. CFR - Title 21, § 177.1520 „Olefin polymers“.
- Food and Drug Administration (FDA – conform) acc. CFR - Title 21, § 178.2010 „Antioxidants and / or stabilizers for polymers“.

Laude PE is free from:

1. Ethyl alcohol
2. Animal' derived/based products and by-products
3. Pork derived/based products and by-products
4. And NOT cross contaminated with any of the above
5. BPA (Bisphenol A)
6. PFAS

Note:

The customer, end user or processor is responsible for compliance with the requirements of applicable legal regulation. The above-mentioned material is a virgin raw material with additives and / or pigments (without reclaimed material).

This declaration of conformity is not a warranty statement.

Validity: From issue date 2 years. Date: 06-12-2022

The stated information is based on our knowledge today and does not eliminate the incoming inspection of goods received.
It is the responsibility of each client to check the received products in acc. to the local law and regulations pertaining to that country.

Quality Manager K.Siersema:



Date: 06-12-2022