

## Product expectation sheet

# Natural Amyl Acetate, mixture of isomers

### Description

Natural Amyl acetate (liquid min. 99% pure) is produced during the naturally occurring esterification reaction between natural amyl alcohols from fusel oil (side stream from ethanol production) and natural acetic acid. The acetic acid comes partially from a vinegar production side stream and the rest from commercial natural acetic acid. The side streams from ethanol and vinegar production come from Europe. The use of the vinegar side stream as a raw material confers a lower carbon footprint to the final product.

### Application

- Natural Flavouring Preparation

### Chemical specifications

Parameter	Value
Purity	>99 %
- 3-methylbutyl acetate	- 80 %
- 2-methylbutyl acetate	- 20 %
Amyl alcohol	<0.4 %
Acetic acid	<0.15 %
Water	<0.1 %

**Acid value** (mg KOH/g) max. 1.0

### Microbial specifications

No micro-organisms are expected to be present in the final product.

### Heavy metals specifications

No heavy metals are expected to be present in the final product.

**Ingredients / labeling**

Natural Flavouring Preparation

FL No. 09.024 (3-methylbutyl acetate / Isopentyl acetate / Isoamyl acetate) & FL No. 09.286 (2-methylbutyl acetate)

*(Verify with your own legislation department)*

**Country of origin**

TBD (Europe)

**Possibilities**

If you would like a different variant of this ingredient (color, odor, purity, etc...), please contact us.

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