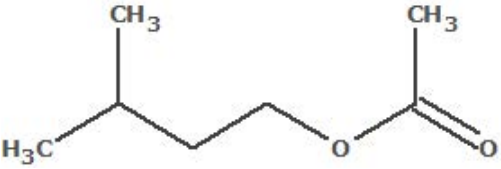


**iso-AMYL ACETATE**

(Code: IAACT)

Olfactive Note: Sweet, Fruity, Banana, Pear like odor

In perfumery, used in trace amount. Largely used in flavor compositions for imitation Pear, Raspberry, Strawberry, Banana, Coconut, Apple, Cherry, Grape, Butter, Peach, Pineapple, Rum, Vanilla, etc. Solvent in nail polish and also a nail polish remover.

Chemical Formula	C <sub>7</sub> H <sub>14</sub> O <sub>2</sub>		Use Level	Up to 3027 ppm in Flavor
Molecular Weight (gm/Mol)	130.18			Up to 25% in Fragrance
Log P (o/w)	2.260			
Solubility in Water @ 25 °C	2000 mg/L			
		3-methylbutyl acetate		
<input checked="" type="checkbox"/> Synthetic substance	<input checked="" type="checkbox"/> Nature-Identical	<input type="checkbox"/> Artificial	<input checked="" type="checkbox"/> Food Grade	<input checked="" type="checkbox"/> Kosher

**PHYSICO-CHEMICAL PROPERTIES**

Appearance	Clear colorless liquid
Purity (by GLC)	99% min. (sum of isomers)
Specific Gravity	0.860 - 0.878 @ 25 °C
Refractive Index	1.4000 - 1.4040 @ 20 °C
Boiling Point	142 °C to 143 °C @ 756 mmHg
Boiling Point	30 °C @ 2.0 mmHg
Flash Point (TCC)	25.00 °C
Tenacity	<4 Hrs at 100%
Solubility in Ethanol	1ml soluble in 3ml 60% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	5.60000 mmHg @ 25 °C
Vapour Density	4.4 (Air=1)
Heat of Vaporization (Δ <sub>vap</sub> H°)	46.40 kJ/mol

**REGULATORY REFERENCES**

CAS No.	123-92-2
FEMA	2055
EINECS	204-662-3
CoE	214
FL No.	09.024
JECFA	43
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Listed
REACH Pre-Reg. No.	---
Export Tariff Code	2915.39.4550
Anti-Oxidants/Stabilizers	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Derived from GMO?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
GMO as process aid?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Synonyms: β-Methylbutyl acetate; Acetic acid, isopentyl-ester; Acetic acid 3-methylbutyl ester; 1-Amyl acetate; Banana oil; Isoamyl ethanoate; Isopentyl acetate; 3-Methyl-1-butanol, acetate; 3-Methylbutyl acetate; Pear oil

Packing: As per Customer's requirement

Storage: Shelf life of 24 months from the date of manufacturing. Stable when stored in tightly sealed containers. Keep in cool and dry area, away from direct heat and light. If stored for more than 12 months, quality should be checked before use.