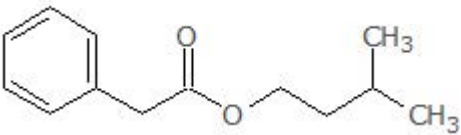


**iso-AMYL PHENYL ACETATE** (Code: IAPA)

Olfactive Note: Tenacious, Fruity-balsamic, Cocoa beans like odor

Used in perfumery compositions for its sweetness and fruity notes. In flavors, suggested uses are to imitate Apricot, Chocolate, Mango, hard and soft fruits etc. Owing to its high boiling point, works very-well in baked goods.

Chemical Formula	C <sub>13</sub> H <sub>18</sub> O <sub>2</sub>		Use Level	Up to 22 ppm in Flavor
Molecular Weight (gm/Mol)	206.28			Up to 5% in Fragrance
Log P (o/w)	3.870			
Solubility in Water @ 25 °C	16.47 mg/L			
		3-methylbutyl 2-phenylacetate		

<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
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## PHYSICO-CHEMICAL PROPERTIES

Appearance	Colorless to pale yellow liquid
Purity (by GLC)	98% min. (sum of isomers)
Specific Gravity	0.973 - 0.981 @ 25 °C
Refractive Index	1.4830 - 1.4890 @ 20 °C
Boiling Point	268 °C @ 760 mmHg
Boiling Point	265 °C - 266 °C @ 723 mmHg
Flash Point	103.30 °C
Tenacity	172 Hrs at 100%
Solubility in Ethanol	1ml soluble 1ml 95% Alcohol
Acid Value	1 max. (mgKOH/gm)
Vapour Pressure	0.005000 mmHg @ 25 °C
Vapour Density	7.1 (Air=1)
Heat of Vaporization ( $\Delta_{\text{vap}}H^\circ$ )	55.58 kJ/mol

## REGULATORY REFERENCES

CAS No.	102-19-2
FEMA	2081
EINECS	203-012-6
CoE	2161
FL No.	09.789
JECFA	1014
FDA Regulation	21 CFR 172.515
Food Chemical Codex	Listed
REACH Pre-Reg. No.	---
Export Tariff Code	2915.90.2000

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: Isoamyl  $\alpha$ -toluate; Acetic acid, phenyl-, isopentyl ester; Benzeneacetic acid, 3-methylbutyl ester; Isopentyl phenylacetate; 3-Methylbutyl benzeneacetate; Phenylacetic acid, isopentyl ester.

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.