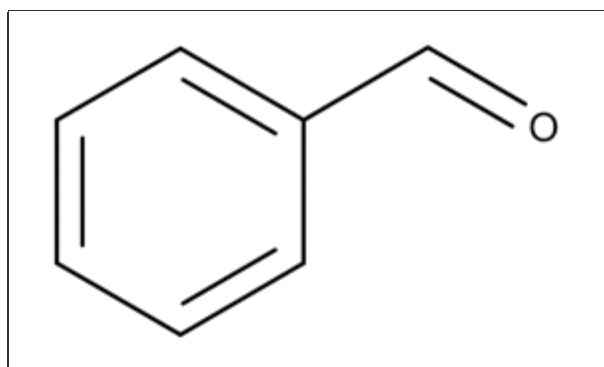


## BENZALDEHYDE Extra Pure

Artificial almond oil; Benzene Carbaldehyde; Benzenecarbonal; Benzoic Aldehyde; Phenylmethanal

<b>Article No.</b>	00035	<b>Grade</b>	Extra Pure
<b>Purity</b>	98.5%	<b>CAS No.</b>	100-52-7
<b>Molecular Formula</b>	C <sub>6</sub> H <sub>5</sub> .CHO	<b>Molecular Weight</b>	106.12
<b>H.S. Code</b>	2912.2100	<b>Shelf Life</b>	24 Months



### Physical Properties

<b>Physical state at 20 °C</b>	Liquid	<b>Colour</b>	Pale yellow
<b>Odour</b>	Characteristic odor	<b>pH value</b>	5.9
<b>Melting point/ Freezing point [°C]</b>	-26 °C	<b>Flash point [°C]</b>	64 °C
<b>Boiling point [°C]</b>	177 - 179 °C	<b>Initial boiling point [°C]</b>	177 °C
<b>Final boiling point [°C]</b>	179 °C	<b>Vapour pressure mm/Hg</b>	1 mm Hg @ 260C
<b>Vapour density</b>	3.66	<b>Density [g/cm3]</b>	1.05
<b>Solubility in water [% weight]</b>	Slightly soluble in water	<b>Partition coefficient Log Pow octanol / water at 20°C</b>	1.5
<b>Explosion limits - upper [%]</b>	8.50%	<b>Explosion limits -lower [%]</b>	1.40%

### Specifications

<b>Appearance</b>	Pale yellow coloured liquid with characteristic odour
<b>Purity (by GC)</b>	Min 98.5%
<b>Weight/ mL at 20°C</b>	1.044 - 1.047 g/ml

### Packings

<b>500 ml</b>	00500
<b>2500 ml</b>	02500
<b>25 Liters</b>	0025K
<b>200 Liters</b>	0200K

<b>Acidity (as C<sub>6</sub>H<sub>5</sub>COOH)</b>	Max 1.0%
<b>Chlorine (combined)</b>	Max 0.2%

<b>2500 ml</b>	02500
<b>2500 ml</b>	02500

## Safety Information

Symbol: GHS07  
Signal Word: Warning  
UN No.: 1990  
IMCO Class No.: 9  
Packing Group: III  
Hazardous Statement: H302 + H332 - H319 - H335  
Precaution Statement: P301 + P312 + P330 - P304 + P340 + P312 - P305 + P351 + P338

## Hazard Symbols



**Revision Date : 06-Dec-2021**

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