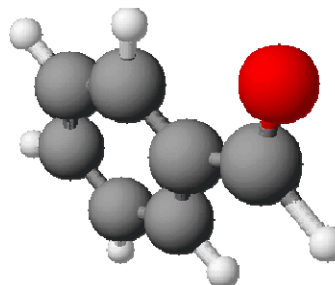


B0207FH Platinum Line**Warranty certificate**

Assay	min. 99%
Calcium (Ca)	0.0005%
Chlorine compounds (as Cl)	0.05%
Copper (Cu)	0.0001%
Free acid (as Benzoic acid)	1%
Iron (Fe)	0.0001%
Lead (Pb)	0.0001%
Potassium (K)	0.002%
Sodium (Na)	0.002%
Zinc (Zn)	0.0001%

**Packaging**

500ml amber glass bottle

Physical properties, composition and data

Chemical formula	C ₆ H ₅ CHO or C ₇ H ₆ O
Chemical group	Aldehydes
Synonym	Artificial essential oil of almond; Benzenecarbaldehyde; Benzoic aldehyde
Atomic weight	106.12
Weight per litre	1.04kg
Appearance	Colourless to yellowish, strongly refractive, volatile oil
Odour	Bitter almond odour
Miscibility	Miscible with alcohol, ether and oils
Melting point	-56°C
Boiling point	179°C
Flash point	62°C
Density (g/ml)	1.05
pH (aqueous solution)	5.9
Products of decomposition	Oxidises in air to benzoic acid
Hazardous material	Flammable and irritant

Laboratory preparation, applications and practices

Laboratory preparation	Benzyl chloride and lime or oxidation of toluene
Usage	Analytical and synthesis reagent. Solvent. Many reactions such as Perkin, Strecker and Reformatsky
Filter paper	Filetech no: 0165, 1845, 0222, 1839

Storage and handling information

Storage	Keep container tightly closed and protected from light in a fireproof place
Safety phrases	24
Risk phrases	22
Disposal methods	14
Caution	Narcotic in high concentrations

Transport regulations

Tariff code	2912.21.00
Hazardous class	9
Packing group	III
UN number	1990
ERG number	129
ECB number	202-860-4

