



Specification

Concerning Product:	
Article number	100527BL
Trade name / designation / denomination	Benzaldehyd, FCC
CAS number	100-52-7
Other names / synonyms	•2,4-Dimethoxy-5-formylpyrimidine; •2,4-Dimethoxypyrimidine-5-Carbaldehyde; •2,4-Dimethoxypyrimidine-5-carbaldehyde; •2,4-Dimethoxypyrimidine-5-carboxaldehyde; •2,4-dimethoxypyrimidine-5-carbaldehyde; •5-Formyl-2,4-dimethoxypyrimidine; •Alfa,Alfa,Alfa-Trifluoroacetopheone [434-45-7]; •BENZALDEHYDE; •Benzaldehyde; •Benzaldehyde with GC [100-52-7];
EC number	202-860-4
EC index number	605-012-00-5
Customs tariff number / CN code / TARIC	29122100
Molecular weight [g / mol]	106,12
Formula	C ₇ H ₆ O
Warning UN 1990, III	
Harmful if swallowed. Harmful in contact with skin. Do not get in eyes, on skin, or on clothing.	

Parameter	Specification	Unit
Organoleptic test		
Appearance	Colorless liquid	
Colour	≤ 20	APHA
Odour	Almond-like	
Physical parameter		
Acidity/Alkalinity	Benzoic Acid ≤ 0,2	%
Refraction index	20°C 1,544 – 1,546	
Density	20°C 1,043 – 1,049	g/ml
Solidification range	-26°C	°C
Solubility	6,55 g/l in water (25°C)	
Identity		
Assay	99,5 – 100	%
Elemental Impurities		
Chlorides (Cl)	≤ 1	mg/kg
Organic volatile impurities		
Toluene	≤ 0,01	%

Supplemental information:

Shelf life: 2 years

Note: This material is Kosher and Halal certified.

This material meets the latest requirements of FCC

Storage conditions: Under nitrogen

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. May. 2024

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