

Octanal (Perfumery Quality)

Technical Data Sheet

Octanal (Perfumery Quality)

Synonyms: Caprylic aldehyde, Octylaldehyde, Aldehyde C8, Octanal P.Q.



Registration	
CAS No.	124-13-0
EINECS No.	204-683-8
FEMA No.	2797

Specification	
Acid Value (mg KOH/g)	max. 2.0
Refractive Index (n_d^{20})	1.417 – 1.420
Density (g/cm ³ , 25 °C)	0.814 – 0.822
Octanal (% rel)	min. 98.5
1-Octanol (% rel)	max. 0.5
Water (%)	max. 0.2
Organoleptic control	yes
Appearance	clear, colorless/pale yellow liquid

Standard Packaging
Drum 160 kg

Description
Odor aldehydic, citrus, orange, green

Applications
Flavor & Fragrance, Intermediate

Chemical & Physical Properties	
General Formula	C ₈ H ₁₆ O
Molecular Weight (g/mol)	128.2
Boiling point (°C; 1013 mbar)	175
Melting point (°C)	-20
Flash point (°C)	54
Ignition point (°C)	196

Stabilization
500 ppm Tocopherol

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