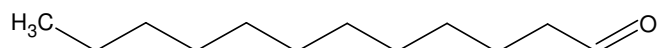


Lauric Aldehyde HP

Technical Data Sheet

Lauric Aldehyde HP

Synonyms: Dodecanal, Lauryl aldehyde, Dodecyl aldehyde, Aldehyde C12



Registration	
CAS No.	112-54-9
Registration No.	01-2119969441-33-0002
FEMA No.	2615

Specification	
Appearance	colorless, clear liquid
Acid Value (mg KOH/g)	max. 5
Color index	max. G3
Water (%)	max.0.1
Lauric Aldehyde (% rel)	min.98.0
Dodecen (% rel)	max. 0.1
Decanal (% rel)	max. 0.1
Undecanal (% rel)	max. 0.1
Tridecanal (% rel)	max. 0.1
Tetradecanal (% rel)	max. 0.1
Lauryl alcohol (% rel)	max. 0.5
Others (% rel)	max. 1.5
Others each (% rel)	max. 0.2

Chemical & Physical Properties	
General Formula	C ₁₂ H ₂₄ O
Molecular Weight (g/mol)	184.3
Density (g/cm ³ , 20 °C)	0.83
Refractive Index (n _d ²⁰)	1.4341
Boiling point (°C, 1013 mbar)	239
Melting point (°C)	12
Flash point (°C)	115
Ignition point (°C)	205

Retesting and Storage
Retesting recommended after 6 months, recommended storage temperature at 25 °C

Stabilization
on request

Standard packaging
Drum 170 kg, bulk

Description	
Odor	fatty, green, sweaty, soapy, clear, fresh, aldehydic, woody
Flavor	soapy, waxy, citrus, orange, mandarin

Applications
Intermediate, Flavor & Fragrance

December 2018

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