



Version	00
Molecular weight	142.24
Molecular Formula	C <sub>9</sub> H <sub>18</sub> O
CAS No	108-83-8
Linear Formula	(CH <sub>3</sub> ) <sub>2</sub> CHCH <sub>2</sub> COCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub>
Flash Point (°C)	49

## Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	14944	Quality Test / Release Date	05/22/2024
Lot Number	A0462847	Suggested retest date	05/22/2029
Description	2,6-Dimethyl-4-heptanone,technical,remainder mainly 4,6-dimethyl-2-heptanone		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	Clear colorless to light yellow	Clear colorless
Appearance (Form)	Liquid	Liquid
Infrared spectrum	Conforms	Conforms
GC	>=90.0 % (main compound + 4.6-Dimethyl-2-heptanone)	98.6 % (main compound + 4.6-Dimethyl-2-heptanone)
GC	10 to 30 % (4.6-Dimethyl-2-heptanone)	14.5 % (4.6-Dimethyl-2-heptanone)
Water	=<0.2 % (K.F.)	0.07 % (K.F.)
Refractive index	1.4100 to 1.4180 (20°C, 589 nm)	1.4131 (20°C, 589 nm)

C. Wygaerts, QA Manager

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