



**Pallav Chemicals & Solvents Pvt. Ltd**

Manufacturers of Laboratory Fine Chemicals

Head Office: 253, Shiv Shakti Industrial Estate, Opp Mittal Estate, Andheri Kurla Road, Andheri East, Mumbai - 400 059. Tel No: +91 22 4928 4000 (100 Lines)  
Factory: N-226 Near Kumbhavali Naka, Tarapur MIDC, Boisar - 401506. • Email: sales@pallavchemicals.com

## **CERTIFICATE OF ANALYSIS**

<b>Product Name</b>	<b>:</b>	<b>ISO-OCTANE (2,2,4-TRIMETHYLPENTANE)</b>
<b>Code No.</b>	<b>:</b>	<b>01879</b>
<b>Batch No.</b>	<b>:</b>	<b>PC03222009</b>
<b>Mfg. Date</b>	<b>:</b>	<b>MAR-2022</b>
<b>Date Of Analysis</b>	<b>:</b>	<b>16/03/2022</b>
<b>Retest Date</b>	<b>:</b>	<b>FEB-2027</b>

<b>TEST</b>	<b>SPECIFICATION</b>	<b>RESULT</b>
Appearance	A clear liquid with a characteristic odour	A clear liquid with a characteristic odour
Assay	Min 99.5%	99.68%
Colour scale	Max 10 APHA	8 APHA
Identity (IR)	Conforms to structure	Complies
Weight/ mL at 20°C	0.691 - 0.693 g/ml	0.6936 g/ml
Bromine number	Max 0.5	0.4
Refractive index (20°C; 589 nm)	1.391 - 1.392	1.391
Water (H <sub>2</sub> O)	Max 0.025%	0.0042%
Acidity (as CH <sub>3</sub> COOH)	Max 0.0003 meq/g	Less than 0.0003 meq/g
Non-volatile matter	Max 0.001%	Less than 0.001%
Sulphur compounds (as CS <sub>2</sub> )	Max 0.005%	Less than 0.005%
Copper (Cu)	Max 0.00002%	Less than 0.00002%
Iron (Fe)	Max 0.00005%	Less than 0.00005%
Lead (Pb)	Max 0.00002%	Less than 0.00002%
Substance darkened by H <sub>2</sub> SO <sub>4</sub>	Passes test	Complies

REMARK : This product complies as per the specifications of Pallav Chemicals & Solvents Pvt. Ltd.

**This is an electronically generated Certificate and is valid without a signature.**

For Issues relating to Quality you may send us a mail on sales@pallavchemicals.com or call on 022 4928 4000

Website: [www.pallavchemicals.com](http://www.pallavchemicals.com)