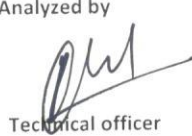




TEST REPORT

Sample Code No.	Absolute Alcohol- Pharma Grade		Date : 04/09/2024
Name & Address of customer	M/S. JEPSON COMMODITIES PVT LTD, C-24/25, SOLARIS-1, SAKI VIHAR ROAD, ANDHERI (E), MUMBAI.400072.		
Batch No.	Absolute alcohol sample no.3	Sample Description	ETHANOL
Sample drawn by	Customer	Date of Sample Receipt	4/9/2024
Sample Quality	350ml	Date of Sample Analysis	7/9/2024
Reference No.			

Chemical Parameters				
S.N	Parameter	result for AA sample No.3	Desirable limits as per IS:15464-2004 (Reaffi 2009)	Test Method
1	Acetaldehyde, mg/L of absolute alcohol	30.09	Max. 60	In House Method
2	Acetone, mg/L of absolute alcohol	ND	NS	
3	Ethyl acetate, mg/L of absolute alcohol	10.03	NS	
4	Methanol, mg/L of absolute alcohol	4.66	Max.300	
5	2-Propanol, mg/L of absolute alcohol	ND	NS	
6	Ethanol, %v/v@ 20°C	99.96	Min.99.50	
7	Diacetyl, mg/L of absolute alcohol	3.53	NS	
8	2-Butanol, mg/L of absolute alcohol	ND	NS	
9	1-Propanol, mg/L of absolute alcohol	ND	NS	
10	2,3 Pentanedione, mg/L of absolute alcohol	ND	NS	
11	n-butyl acetate, mg/L of absolute alcohol	ND	NS	
12	Iso-butanol , mg/L of absolute alcohol	ND	NS	
13	1-butanol , mg/L of absolute alcohol	ND	NS	
14	Iso-amyl acetate , mg/L of absolute alcohol	ND	NS	
15	amyl+Iso-Amyl alcohol acetate , mg/L of absolute alcohol	7.27	NS	
16	Total higher alcohols , mg/L of absolute alcohol	10.6	NS	
17	Acetic acid , mg/L of absolute alcohol	3.98	Max.30	
18	Furfural , mg/L of absolute alcohol	ND	NS	
ND: Not Detected NE : Not Estimated, NS: Not Specified.				
Analyzed by		Authorized Signatory		
				
Technical officer		 Technical Advisor & Head Department of Alcohol Technology and Biofuel		

Note :

- Above result pertain only to the sample tested.
- Sample will be retained by us for a specified perioed, unless specific instruction to the contary are received
- The test report should not be reproduced except in full without written approval of laboratory.