

TEST REPORT

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Test Report No: 19-20/10528

Report Date: 15/10/2019

Customer Name	Abhitech Energycon Limited
Address	A/1020, Oberoi Garden Estates, Chandivali Farm Road, Chandivali, Mumbai – 400 072, Maharashtra, India.
Contact person	Mr. Omkar Samant
Customer Sample Reference:	Thermact-B
Date of Sample Receipt	05/10/2019
Tests Performed	1. Analysis of VOC 2. Analysis of Ash Content 3. Analysis of Heavy Metals (As, Pb, Cr VI, Hg, Cd, Cu) by ICP-OES
Test Period	05/10/2019 to 15/10/2019
General Inquiries/ feedback/Technical inquiries: lab@nimkartek.com	

The submitted sample is not drawn by the NimkarTek Laboratory

DIGITAL IMAGE OF SUBMITTED SAMPLE



Authorized Signatory

Seema Shinde

Authorized Signatory

Pravin More

DISCLAIMER: These analytical findings are only valid for the sample as analysed. The samples are retained for 180 days only. Written acknowledgment for publication and duplication of our analytical reports for promotional purposes, as well as fractional use for other purposes is mandatory. Electronically submitted results are for your information only.

WARNING: the samples to which the findings recorded herein were provided by the Client or by a third party acting at the Client's direction. The recordings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). NimkarTek Technical Services accepts no liability with regards to the origin or source from which the sample(s) is/are said to be extracted.

NimkarTek Technical Services Pvt. Ltd.

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Contact: +91 22 25888463 • Email ID: lab@nimkartek.com • Website: www.nimkartek.com

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1. Analysis of Volatile Organic Compounds (VOCs):

Test method: In-house, followed by Headspace GC-MS/ GC-MS

Detection limit: 10 mg/kg (for individual Analyte)

Sr. No.	Name of Analyte	CAS No.	Concentration (mg/kg)
1.	Benzene	71-43-2	Not detected
2.	Xylene (sum of all xylenes)	multiple	Not detected
3.	Cresols (sum of all Cresols)	multiple	Not detected

2. Ash content

Test Method – Based on IS 877:1989

Result: 9.82%

3. Analysis of Total Heavy Metals:

Test Method – Sample preparation as per EPA 3051 microwave digestion

Analysis on ICP-OES; Detection Limit: 1.0 mg/kg

Result:

Sr. No.	Name of Heavy Metal	Concentration (mg/kg)
1.	Arsenic (As)	2.7
2.	Lead (Pb)	2.4
3.	Cadmium (Cd)	Not detected
4.	Mercury (Hg)	Not detected
5.	Copper (Cu)	3.5

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4. **Analysis of Hexavalent Chromium (Chromium VI) by HPLC-DAD:**

Test Method – In house, Solvent extraction followed by HPLC-DAD

Detection Limit: 5 mg/kg

Result: Not detected

Authorized Signatory

Seema Shinde

Authorized Signatory

Pravin More

***** End of Report *****

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