



राष्ट्रीय अंतर्विषयी विज्ञान तथा प्रौद्योगिकी संस्थान  
NATIONAL INSTITUTE FOR INTERDISCIPLINARY SCIENCE AND TECHNOLOGY

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्

Council of Scientific and Industrial Research

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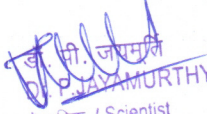
Industrial Estate P.O., Pappanamcode, Thiruvananthapuram, India-695 019

**Test Report**

The aqueous extract of the product “Kanthari plus – A dietary supplement” (Batch No. 107, Mfg Date – Jan 2017), supplied by M/s Kanthari food products, Cherthala, was evaluated for the parameters- Inhibition of glucosidase, amylase, glycation, LDL oxidation and microbial assays. The results for the same are represented below in comparison to the positive controls.

S. No.	Parameters	Activity of extract	Activity of positive control
1	$\alpha$ – glucosidase inhibition	500 $\mu$ g- 24%	IC <sub>50</sub> - 82.52 $\mu$ g/ml (Acarbose)
2	$\alpha$ – amylase inhibition	500 $\mu$ g- 35%	IC <sub>50</sub> - 38.12 $\mu$ g/ml (Acarbose)
3	Anti glycation	IC <sub>50</sub> - 178.61 $\mu$ g	40 $\mu$ g- 44% (Aminoguanidine)
4	LDL oxidation inhibition	100 $\mu$ l- 44.36 %	100 $\mu$ l- 29% ( $\alpha$ – tocopherol)
5	Total plate count	No growth	-
6	Total yeast and mould	No growth	-

\*These are only the test results of the sample supplied.

  
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