

Supplementary Table S1. Phytochemical group tests of MExLS.

Phytochemical Constituents	Test Name	Observations of MExLS Extract
Carbohydrates	Molisch's test	+
	Benedict test	+
Alkaloids	Mayer's test	+
	Wagner's test	+
	Dragendorff's test	+
Cardiac glycosides	Molisch's test	+
	Keller-Killani test	—
Carbohydrates	Benedict test	+
Flavonoids	Alkali test	+
	Lead (II) acetate	+
Steroids	Salkowski's test	+
	Lieberman test	+
Saponin	Frothing test	—
Tannins	General Color test	+
Phlobatannins	General color test	—
Protein	Biruet's test	+
	Ninhydrin Test	+

The phytochemical status of the crude MExLS has been investigated and the results are summarized in the supplementary Table S1. Phytochemical groups indicate the nature of phytoconstituents whether present or absent in the crude extract of methanol extract of *Lasia*

spinosa. Tests were accomplished using established methods. The presence and absence of the phytochemicals are denoted using the signs (+) and (−), respectively.