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**Do you have any idea which is superior in terms of bioactive compounds: Greater galanga or Lesser galanga?**

N. Bista<sup>1</sup>, D.C. Abeysinghe<sup>1\*</sup>, R.M. Dharmadasa<sup>2</sup> and I.J. Amadoru<sup>1</sup>

<sup>1</sup>*Department of Plantation Management, Faculty of Agriculture and Plantation Management, Wayamba University of Sri Lanka, Makandura, Gonawila (NWP), 60170, Sri Lanka.*

<sup>2</sup>*Industrial Technology Institute, 363, Bauddhaloka Mawatha, Colombo 07, 00700, Sri Lanka.*

Plant-based medicines are widely utilized in traditional societies around the world, and are becoming more popular as natural alternatives to synthetic drugs. The use of herbal medicine has grown tremendously in the previous few decades and is getting popular in developing and developed countries owing to their natural origin and lesser side effects. Out of all other medicinal plants, greater galanga and lesser galanga are the two most important medicinal plants species of the genus *Alpinia* (Family- Zingiberaceae) widely found in tropical climate which have diverse therapeutic properties and also contain important bioactive compounds such as alkaloids, saponins, terpenoids, phenolics and flavonoids. The majority of the genus's species have eye-catching inflorescences, aromatic aerial and underground sections that are typically subjected to various fractionation processes to extract essential oils, aqueous extract, and bioactive components. Due to the above reasons, much attention is focused on producing potential therapies against a variety of diseases like cancer, diabetes, ulcer, and many brain disorders. Research is still ongoing to determine the precise mechanism by which natural bioactive compounds control the development and treatment of disease, but several studies and reviews have demonstrated the significance and medical applications of potential bioactive compounds that have been isolated from various species of this genus. There is a variation of bioactive compounds in both species where flowers contain high antioxidant, flavonoid and phenolic content followed by leaf, leaf sheath, fibrous root and rhizome. In case of essential oils, fibrous root contains high oil content than leaf, leaf sheath and rhizome in both species. We have noted a presence of bioactive compounds in different parts of the plant but the presence of individual bioactive compounds in greater galanga is quite higher than in lesser galanga. We can assume from these key points that greater galanga is superior than lesser galanga. It is noteworthy that both plants resembled marked amount of bioactive compounds; hence showing its use in herbal medicine.

\*abeysinghedc@yahoo.com