

***Linum mucronatum*: Organ to Organ Lignan Variations**

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The percentage of podophyllotoxin (PTOX) and its congener lignans were measured by HPLC in *Linum mucronatum* ssp. *mucronatum* (Linaceae) fresh plant organs. The highest amounts of PTOX ($0.595 \pm 0.060\%$ g/g dry wt) and 6-methoxypodophyllotoxin (MPTOX) ($1.491 \pm 0.125\%$ g/g dry wt) were found in the plant sexual organs. Whereas, the highest levels of β -peltatin, 5'-demethoxy-MPTOX and yatein were found in not developed buds, petals and sepals, respectively.

Key words: Aryltetralin Lignans, Linaceae,
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