

**P-089: QUALITY CONTROL OF THE AERIAL PARTS OF *ARRACACIA TOLUCENSIS* VAR *MULTIFIDA* (UMBELLIFERAE)**

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*Arracacia toluensis* var *multifida* commonly known as “neldo”, “hierba del venado”, among others is used in Mexican traditional folk medicine for the treatment of blenorrea, cough, and gastrointestinal ailments. Previously we reported the spasmolytic properties of the extract and the essential oil obtained from the aerial parts of the species. The present investigation describes the development of an HPLC method for the quantification of the major active principles **1-4**. This method was validated in terms of linearity, precision (repeatability), accuracy and specificity. A normal-phase column eluted with a three-phase system consisting of hexane-CH<sub>2</sub>Cl<sub>2</sub>-EtOAc (80:7:13) was used for the analysis; detection was at 285 nm. This investigation will be used to integrate a pharmacopeia monograph following OMS protocols. Supported by CONACyT (CO1-018) and DGAPA (IN 212005)

