

## **Extract Compositions of *Hypericum perforatum* L. from Wild Populations of Mergewer District of Urmia**

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### **Abstract:**

This study was investigated to identify compositions of *Hypericum perforatum* L. population from Urmia-Iran. The extract was obtained from the aerial parts of *Hypericum perforatum* L. and plant extract were analyzed by GC-MASS spectrometry. Seventy-eight compositions were identified in the extract of *H. perforatum* with Ethane (31.37%), Acetic acid (9.64%), 2-Propanone (7.37%), Cyclopropyl carbinol (4.13%), 1-Octadecanamine (3.32%), Acet Aldehyde (2.22%), 2-Cyclopenten-1-one (2.12%), Ethene (1.92%), Glycerin (1.84%), Para Methoxy Cinnamic Aldehyde (1.55%), Cyclohexanamine (1.47%), 2-Propenal (1.45%), Azulene (1.32%) as the most abundant components.