

## Supplementary files

**Table (S1) : HPLC analysis of the main active components including (phenolic compounds , flavonoids and Polysaccharides ) in *C.vulgaris***

<i>RT#</i>	<i>Flavonoids</i>	<i>Concentration (µg/ml)</i>
3.2	7-OH flavone	5.77
4.5	Naringin	4.22
5.1	Rutin	4.69
7.0	Quercetin	12.39
8.0	Kaempferol	2.49
9.0	Luteolin	3.18
10.0	Hesperidin	11.69
12.0	Catechin	4.35
<i>RT#</i>	<i>Phenolics</i>	<i>Concentration (µg/ml)</i>
2.8	Chlorogenic	3.26
4.1	Catechol	3.55
5.1	Syringic acid	2.11
7.0	Cinnamic	8.36
8.0	Caffeic	2.87
9.0	Pyrogallol	0.69
9.8	Gallic	2.41
12.0	Salicylic	1.88
12.8	Ellagic	11.03
15.0	Benzoic	3.41
<i>RT#</i>	<i>Compound</i>	<i>Concentration (µg/ml)</i>
6.0	Rhamnose	8.23
8.0	Glucuronic acid	5.26
12.2	Mannose	2.96
15.0	Xylose	2.44

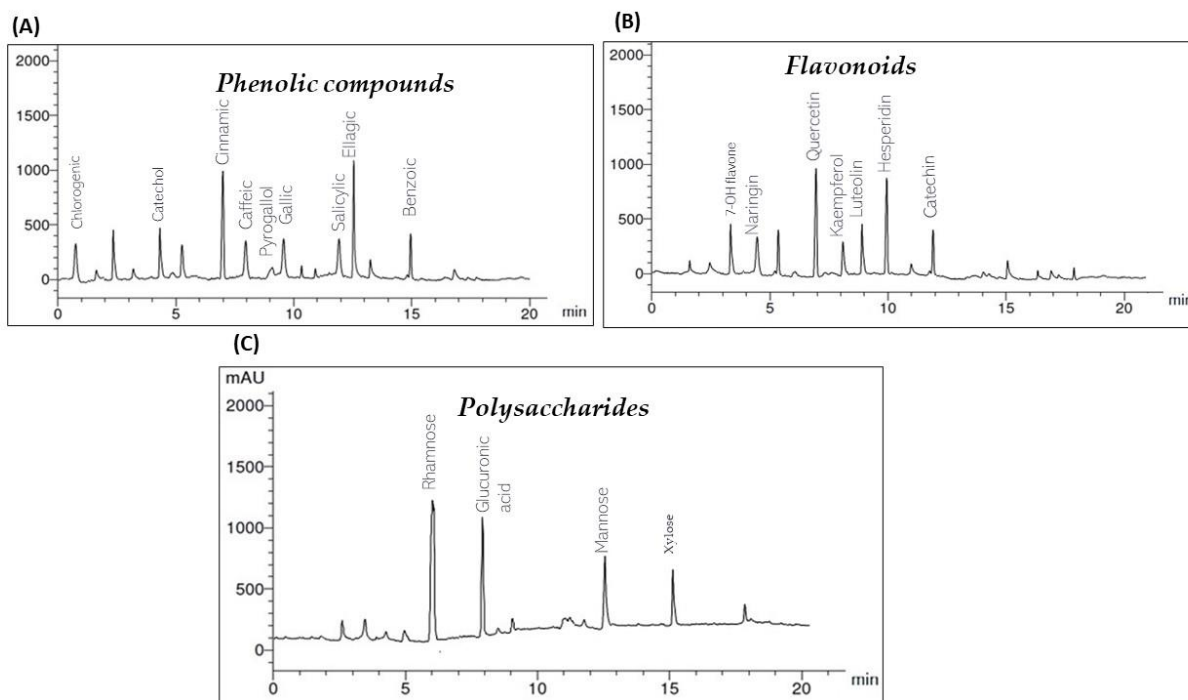


Figure (S1): HPLC chromatograms of Total Phenolics, Flavonoids and Polysaccharides of CV alga.