

Fingerprinting of *Cuscuta Chinensis* Flavonoids

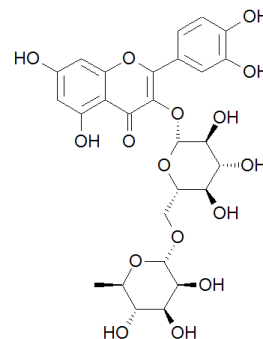
Application #AN4250

Conditions

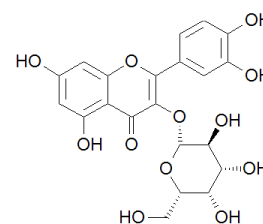
Column: ACE 5 C18
Dimensions: 250 x 4.6 mm
Part Number: ACE-121-2546
Mobile Phase: A: 0.25% o-phosphoric acid in H₂O
B: MeCN

Time (mins)	%B
0	5
2	5
7	10
10	15
23	20
28	30
32	50

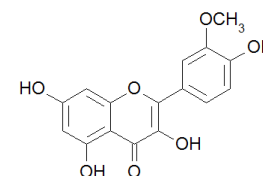
Flow Rate: 1 mL/min
Injection: 10 µL
Detection: UV, 360 nm



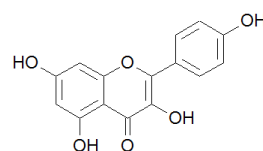
1. Rutin



2. Hyperoside

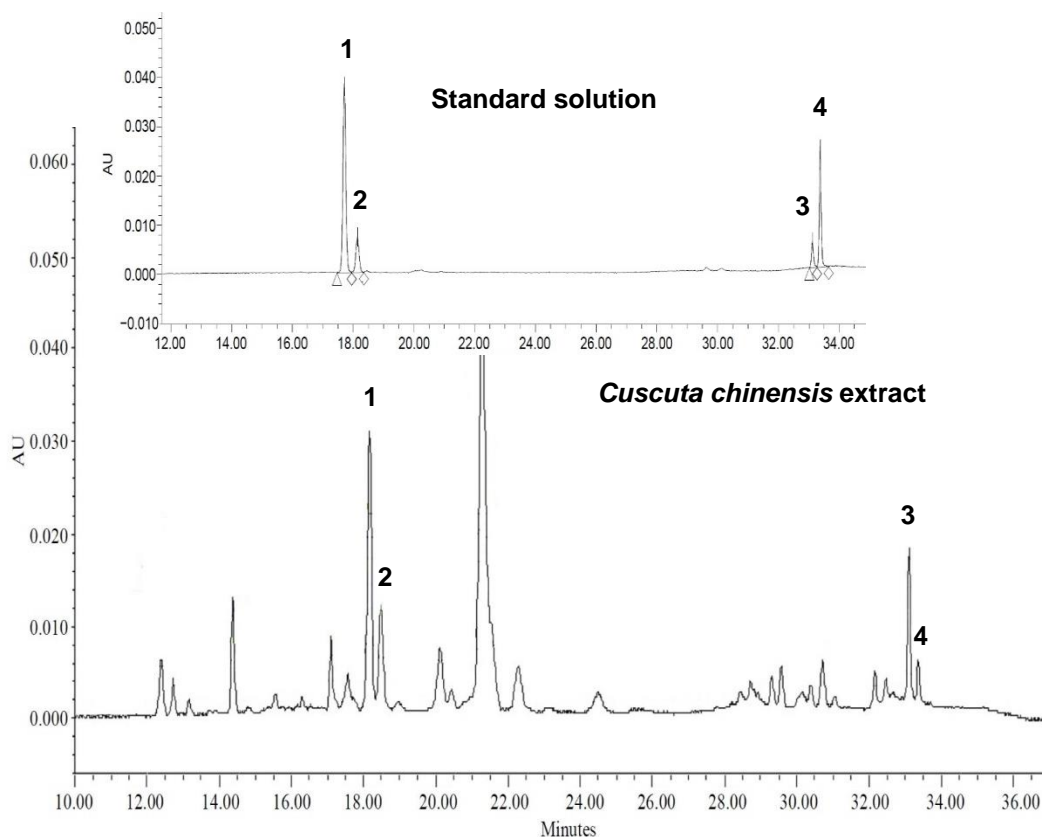


3. Isorhamnetin



4. Kaempferol

Cuscuta chinensis is used in traditional medicines in eastern and southern Asia



Shekarchi M, Kondori BM, Hajimehdipour H, Abdi L, Naseri M, Pourfarzib M, Amin G. (2014) Finger Printing and Quantitative Analysis of *Cuscuta chinensis* Flavonoid Contents from Different Hosts by RP-HPLC. Food and Nutrition Sciences, 5, 914-921. <http://dx.doi.org/10.4236/fns.2014.510101>

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