

Shuanghuanglian Oral Liquid Solution

Shuānghuánglián shuān, 双黄连口服液

Shuang Huang Lian is a Chinese herbal remedy that is used to treat respiratory tract infections. Shuang Huang Lian formulations consist of at least 29 components, including shuang hua (Lonicera japonica flower bud), lian qiao (Forsythia suspensa fruit), and huang qin (Scutellaria baicalensis).

Shuanghuanglian Oral Liquid Solution

Chromolith® RP-18 endcapped

Chromatographic Conditions

Column: Chromolith® Performance RP-18 endcapped 100x4.6mm

1.02129.0001

Injection: 5 µL

Detection: UV 265 nm

Flow Rate: 3.0 mL/min

Mobile Phase: A: Methanol

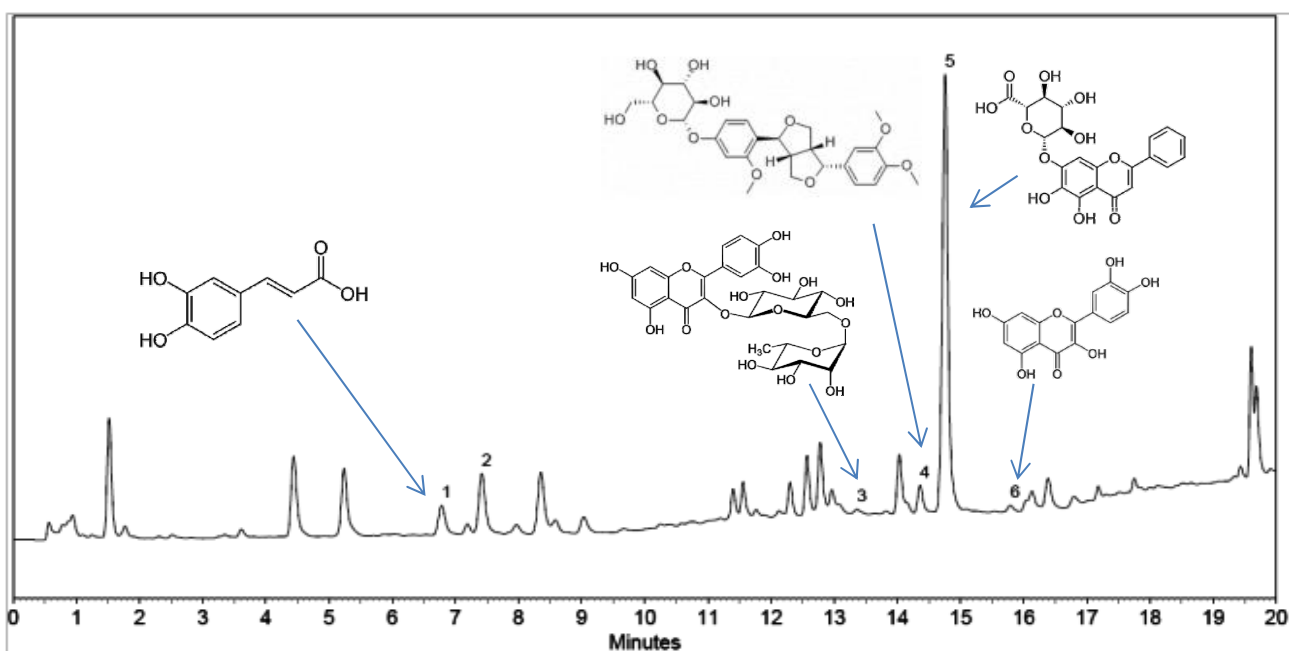
B: 0.1 % phosphoric acid

Temperature: 30 °C

Diluent: Mobile phase

Sample: Oral liquid solution diluted 1:1 (v/v) with mobile phase

Time (min)	% A	% B
0	3	97
0.5	3	97
8	17	83
10	30	70
15	45	55
20	95	5



Chromatographic Data

No.	Compound	Time (min)	T _{USP}	Resolution
1	Caffeic acid	6.1	1.2	-
2	Chlorogenic acid	16.6	1.3	-
3	Rutin	18.6	1.4	-
4	Forsythin	21.0	1.4	-
5	Baicalin	21.8	1.4	-
6	Quercetin	22.8	1.4	-