

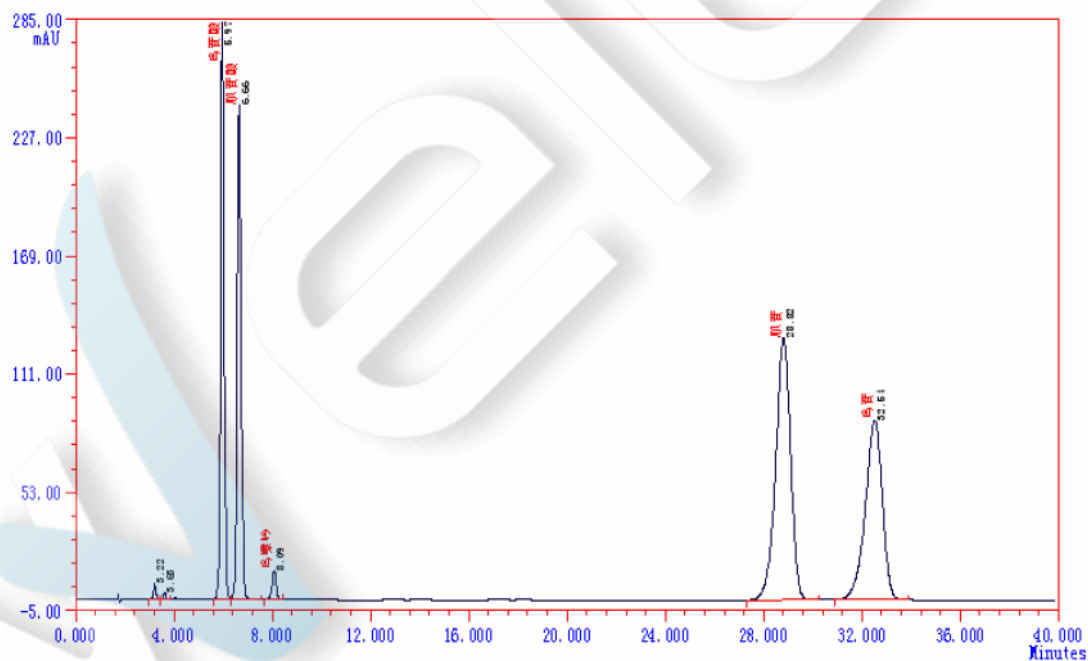
Guanylic acid, Inosinic acid

Method:

Column	Ultisil® AQ-C18 4.6×150 mm, 5 μm	P/N: 00207-31041
Mobile Phase	0.02mol/monopotassium phosphate (adjust pH to 4.5with phosphoric acid)	
Detection	248 nm	
Temperature	30 °C	
Flow Rate	1.0 ml/min	
Injection Volume	20 μl	
Note	/	

Chromatogram and Data:

1. 5 mixed standard

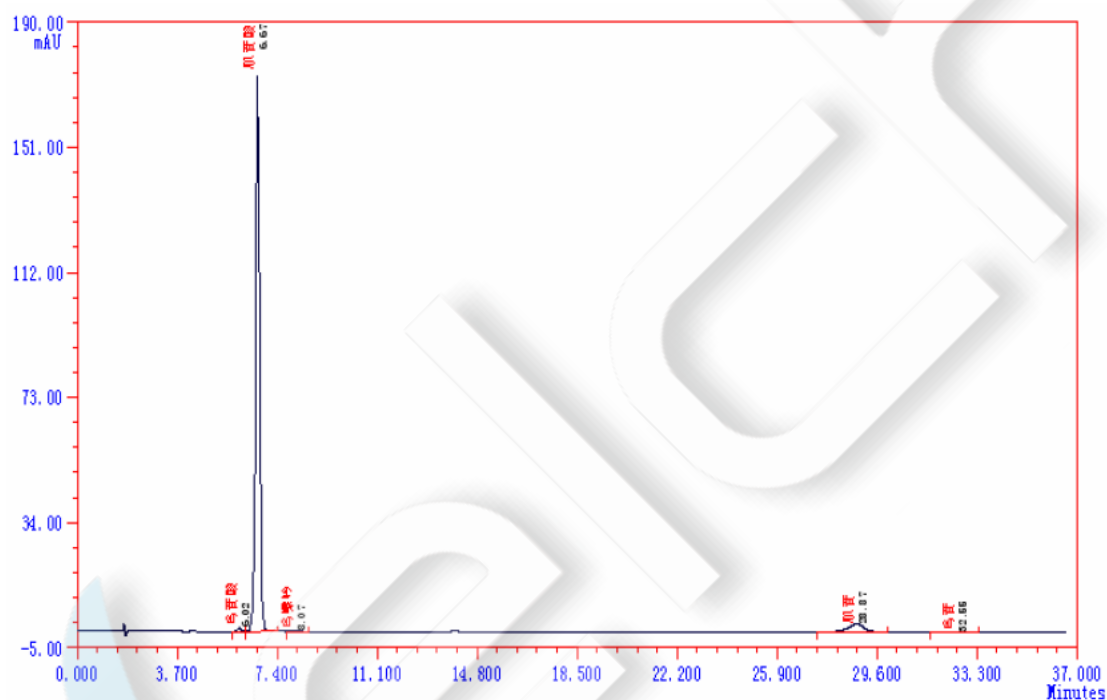


ID	Components	RT	Height	Area	Concentration	Th. Plate	Resolution	Tailing Factor
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1		3.223	845	5419.8	0.353	5696	0.00	1.03
2		3.632	361	2340.7	0.152	7076	2.38	1.08
3	鸟苷酸	5.973	28393	273223.2	17.797	8691	10.92	1.07
4	肌苷酸	6.657	24260	266044.3	17.329	8311	2.49	1.06
5	鸟嘌呤	8.090	1417	16051.3	1.046	11505	4.83	1.11
6	肌苷	28.823	12907	544615.3	35.475	10525	29.09	0.89
7	鸟苷	32.540	8832	427522.2	27.848	10193	3.08	0.85
	Σ:		77015	1535216.9	100.0000			

2. Mixture of Guanylic acid and Inosinic acid



ID	Components	RT	Height	Area	Concentration	Th. Plate	Resolution	Tailing Factor
1	鸟苷酸	6.015	129	1202.3	0.608	9396	0.00	0.93
2	肌苷酸	6.674	17301	184646.6	93.417	8820	2.47	1.05
1	鸟嘌呤	8.074	12	304.2	0.154	2288	2.92	1.16
4	肌苷	28.865	253	11021.2	5.576	9904	22.66	0.98
5	鸟苷	32.549	9	484.3	0.245	8253	2.84	0.93
	Σ:		17704	197658.7	100.0000			

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