

## **Application Note**

Date: 1992.6.11

No. 210002H-E

## **Analysis of polyphenols**

Polyphenol draws a lot of attention because of its efficacy such as antioxidant etc. and is contained in various foods. 3 kinds of polyphenol such as hydroquinone, resorcin, and phenol were analyzed using gradient HPLC.

## Conditions:

Pump:	PU-980
Detector :	UV-970
Wavelength :	280nm
Sensitivity :	0.32 AUFS
Column :	Finepak SIL C18S
Eluent :	CH3CN/0.1% H3PO4
	30min 20min
	(0/100)(35/65)(100/0)
Flow rate :	1.0ml/min
Temperature :	40 degree celsius
Sample :	1. Hydroquinone
	2. Resorcin
	3. Phenol

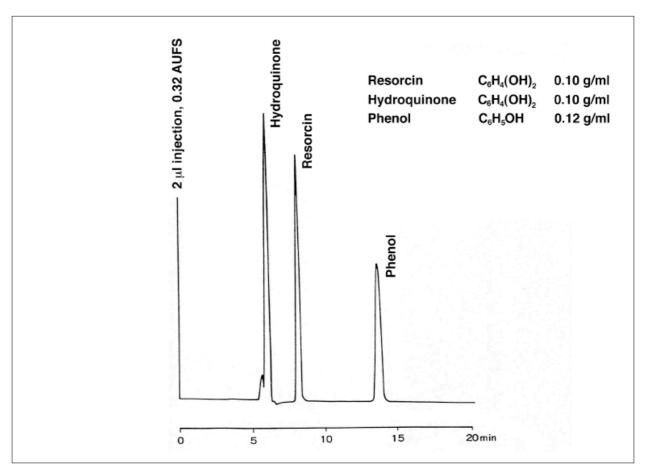


Fig.1 Polyphenols

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