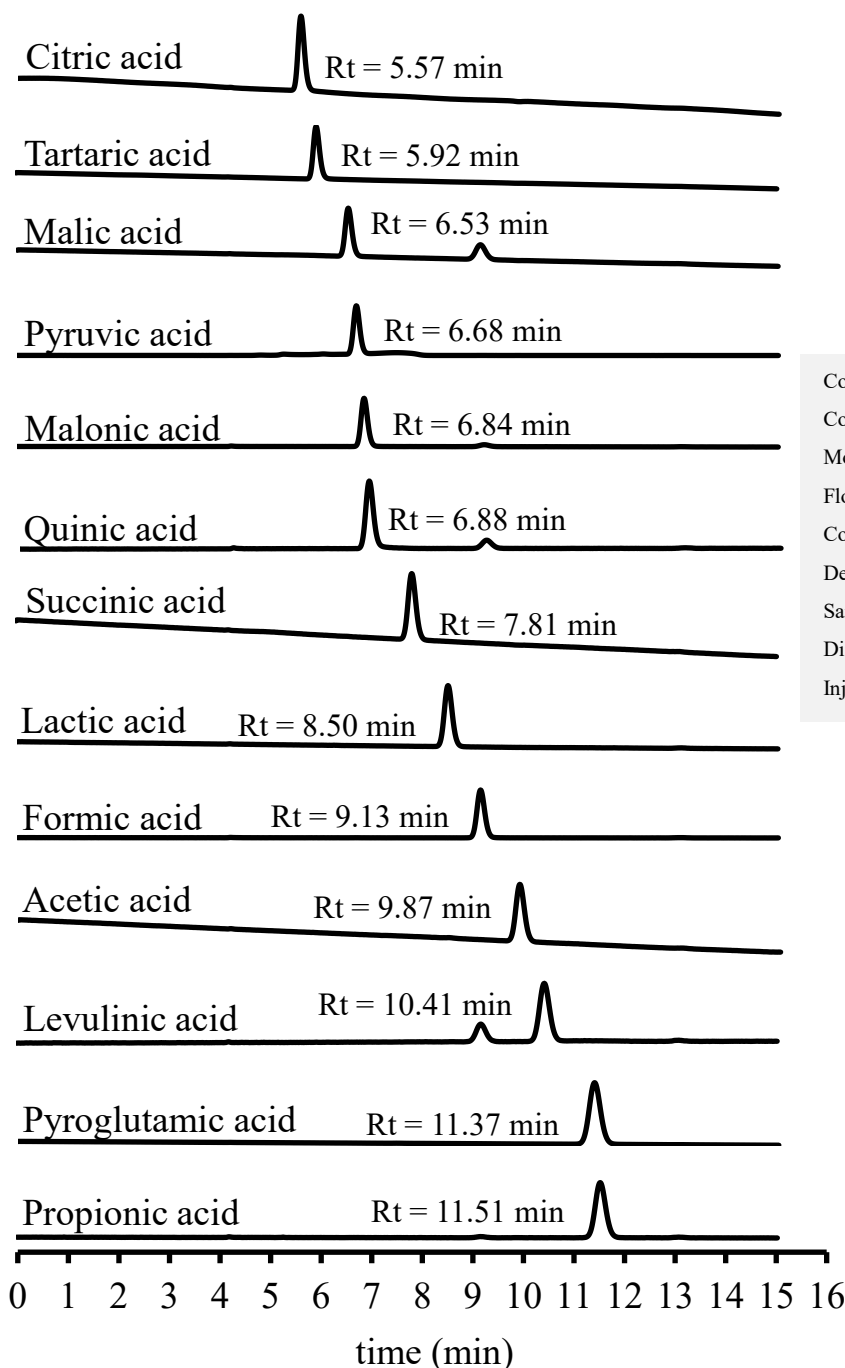


# SHINWA EXPRESS

Application

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## Analysis of Organic Acids in Food using the ULTRON PS-80H



Column: ULTRON PS-80H (10  $\mu$ m)  
 Column size: 300 mmL x 8.0 mm I.D.  
 Mobile phase: HClO<sub>4</sub> aq (pH 2.1)  
 Flow rate: 1.0 mL/min  
 Column temp.: 60°C  
 Detection: UV-210 nm  
 Sample: Organic acid (1000 mg/L)  
 Diluent: water  
 Injection vol.: 2  $\mu$ L



● Features of the ULTRON PS-80H

1. The ULTRON PS-80H columns are HPLC columns packed with a sulfonic acid type polystyrene cation exchange resin designed for organic acid analyses.
2. The columns utilize electrostatic repulsion interactions.
3. The columns display excellent retention reproducibility.
4. The columns are durable due to the use of a mechanically strong polymer gel.

■ Analytical column specifications ■

ULTRON PS-80H / PS-80N / PS-80C / PS-80P

Product name	Particle size (μm)	Column dimensions Length x I.D. (mm)
ULTRON PS-80H	10	300×8.0
		250×2.0
ULTRON PS-80H.G		50×8.0
ULTRON PS-80N		300×8.0
ULTRON PS-80N.L		500×8.0
ULTRON PS-80N.G		50×8.0
ULTRON PS-80C		300×8.0
ULTRON PS-80C.G		50×8.0
ULTRON PS-80P		300×8.0
ULTRON PS-80P.G		50×8.0



※ Please do not hesitate to contact us for the other dimensions.  
Please feel free to contact us with questions related to analyses.  
Column screening services are also available.

Please be aware that specifications and prices are subject to change without prior notification.