

Tea Aroma Analysis Based on Solvent-Assisted Flavor Evaporation Enrichment

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Materials

Name	Company	Catalog Number	Comments
Alkane mix (C10-C25)	ANPEL	CDAA-M-690035	
Alkane mix (C5-C10)	ANPEL	CDAA-M-690037	
AMDIS	National Institute of Standards and Technology	version 2.72	Gaithersburg, MD
Analytical balance	OHAUS	EX125DH	
Anhydrous ethanol	Sinopharm		
Anhydrous sodium sulfate	aladdin		
Black tea	Qianhe Tea		Huangshan, Anhui province, China
Concentrator	Biotage	TurboVap	
Data processor	Agilent	MassHunter	
Dichloromethane	TEDIA		
GC	Agilent	7890B	
GC column	Agilent	DB-5MS	
Green tea	Qianhe Tea		Huangshan, Anhui province, China
MS	Agilent	5977B	
p-Xylene-d10	Sigma-Aldrich		
SAFE	Glasbläserei Bahr		
Ultra-pure deionized water	Milipore	Milli-Q	
Vacuum pump	Edwards	T-Station 85H	