

# Instrument Information Sheet

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**Plants for  
Human Health**

I N S T I T U T E

<b>Hitachi LaChrom and Refractive Index Detector</b>	
<b>Service Provided</b>	Analysis of soluble sugars (fructose, glucose, sucrose, total) using high performance liquid chromatography (HPLC).  Fee includes extraction of sugars, sample run, data assimilation and analysis.
<b>User Rates</b>	\$100 per sample.

<b>Bruker MPA NIR</b>	
<b>Service Provided</b>	Analysis of soluble sugars (fructose, glucose, sucrose, total) by near infrared spectroscopy (NIR).  Fee includes sample preparation, scanning, standard curve building, curve calibration, data analysis.
<b>User Rates</b>	\$2000 per 50 samples; minimum 50 samples

<b>Hitachi LaChrom with Photodiode Array</b>	
<b>Service Provided</b>	Carotenoid extraction and analysis (lutein, lycopene, beta carotene) using high performance liquid chromatography (HPLC).  Fee includes extraction of sugars, sample run, data assimilation and analysis.
<b>User Rates</b>	\$150 per sample; minimum 12 samples