



**Thermo Scientific Gallery and Gallery Plus**  
Automated, discrete photometric analyzers



# Compact systems

## for industrial and environmental analysis

Food and Beverage Testing • Water and Soil Analysis •  
Industrial Quality Monitoring

**Thermo**  
SCIENTIFIC

# Examples of Thermo Scientific™ Gallery™ and Gallery Plus Food and Beverage Applications:

Acetaldehyde	Hydroxyproline <sup>(3)</sup>
Acetic acid	D-Isocitric acid
Alpha-Amino Nitrogen (NOPA)	D-Lactic acid
Alpha-Amylase	L-Lactic acid
Ammonia	Lactose / Galactose <sup>(3)</sup>
Ascorbic acid	Lactose / Glucose
Aspartic acid	Magnesium
Asparagin	D-Malic acid <sup>(3)</sup>
Bitterness <sup>(1)</sup>	L-Malic acid
β-Hydroxybuturic acid	Nitrate <sup>(3)</sup>
β-Glucan	Oxalic acid
Calcium	pH
Chloride <sup>(3)</sup>	Potassium
Cholesterol	SO <sub>2</sub> , free
Citric acid	SO <sub>2</sub> , total
Copper	D-Sorbitol / Xylitol <sup>(3)</sup>
DON (Vomitoxin) <sup>(3)</sup>	Sucrose
Ethanol (low)	D-Glucose + D-Fructose
Formic acid <sup>(3)</sup>	+ Sucrose
D-Fructose	Tartaric acid
D-Gluconic acid	Total acids
Gluconic acid	Total Iron
Glutamate	Total Polyphenol
D-Glucose + D-Fructose	Total Protein (Biuret)
D-Glucose	Urea
Glycerol	Wine and beer colors <sup>(2)</sup>
Hesperidin <sup>(3)</sup>	Velcorin® (Dimethyldicarbonate <sup>(3)</sup> )
Hydroxymethylfurfural <sup>(3)</sup>	

Note: Reagents listed in purple are Thermo Scientific™ System Reagents.

<sup>(1)</sup> Gallery Plus Beermaster with the Bitterness (BCM) unit only

<sup>(2)</sup> Required set of filters installed

<sup>(3)</sup> Third party reagents

# Examples of Gallery and Gallery Plus

## Water and Soil Applications:

Alkalinity

Aluminium<sup>(2)</sup>

Ammonia

Boron<sup>(2)</sup>

Bromide<sup>(2)</sup>

Calcium

Chloride

Hexavalent Chromium

Conductivity<sup>(1)</sup>

Total Cyanide<sup>(2)</sup>

Fluoride

Total Hardness

Ferric

Ferrous Iron

Total Iron<sup>(2)</sup>

Magnesium

Manganese<sup>(2)</sup>

Molybdenum<sup>(2)</sup>

Nitrite

Nitrate / TON

Total Phenols

pH<sup>(1)</sup>

Phosphate (Reactive P)

Silica

Sulfate

Sulfide<sup>(2)</sup>

Thiocyanate<sup>(2)</sup>

TKN<sup>(2)</sup>

TKP or TP<sup>(2)</sup>

Urea

Zinc<sup>(2)</sup>

Note: Reagents listed in purple are Thermo Scientific System Reagents.

<sup>(1)</sup> With the electrochemical measurement (ECM) unit

<sup>(2)</sup> Third party reagents

***Be inspired by the many possibilities Gallery and Gallery Plus offer—monitoring water quality, following fermentation processes, detecting ingredients in food samples, and many more.***



## [www.thermoscientific.com/discreteanalysis](http://www.thermoscientific.com/discreteanalysis)

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