

## Correlation of OMMICA™ with Gas Chromatography for monoethylene glycol (MEG)

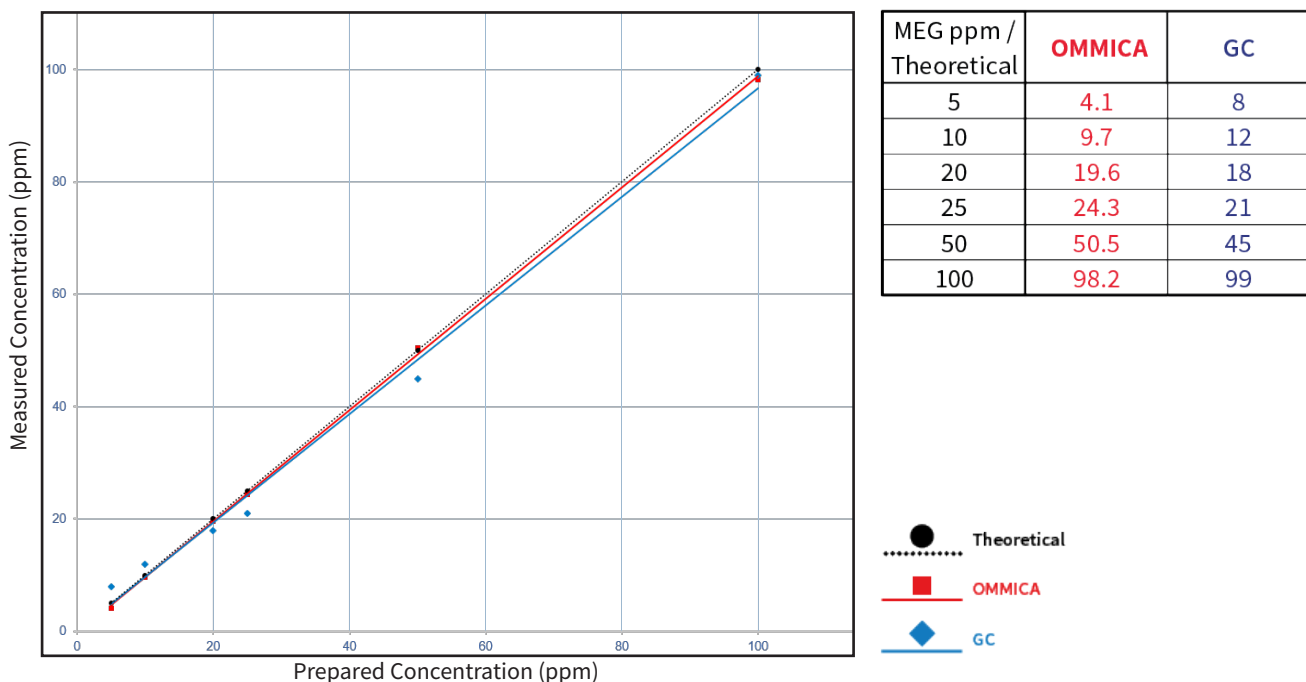
LUX Assure’s OMMICA™ method for measuring monoethylene glycol (MEG) in water was compared to gas chromatography (GC) by a third party laboratory, Intertek Australia. The results demonstrate the accuracy of OMMICA™, providing clients with confidence to adopt the method for their operations.

### Testing

Samples of water containing concentrations of between 0 and 100 ppm MEG were prepared. These samples were then split into two aliquots and analysed using OMMICA™ and GC in parallel, in the same lab, to minimise any potential differences. Each sample was tested in duplicate to reduce the likelihood of anomalous results.

### Results

The graph below shows that results obtained using OMMICA™ correlate very closely with the results obtained using GC. Both methods give results very close to the prepared spiked concentrations of MEG in water.



### User Benefits

OMMICA™ testing requires no lengthy calibration™ or set up, multiple tests can be undertaken and results are produced in under 1 hour. OMMICA™ can also be used on-site, on or offshore. With a lower CAPEX and OPEX than GC, and proven, accurate results, clients can feel confident in their choice of OMMICA™ for MEG in water analysis, whether as a supplementary method to GC or as a standalone analysis tool.



Simple on-site analysis of  
MEG and methanol

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