

Mandelic acid

General:

Mandelic acid is an aromatic alpha-hydroxy-acid with the molecular formula C₈H₈O₃. It is a white crystalline solid that is soluble in water and most common organic solvents. Mandelic acid as well as phenylglyoxylic acid are metabolized products of ethyl benzene and styrene. Detection of mandelic acid and phenylglyoxylic acid in urine should be requested as a screening test for workers that are exposed to organic solvents.

Material: 10 ml urine

Preanalytics: cooled dispatch

TAT: 10-14 days*

Method: photometry

Units: mg/g creatinine

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>