



Productcertificate Organic Acids

Productname Control Organic Acids (€12.65 per vial)

Productcode

Productcode	Colour cap
ORG-01	Blue

Batchnumbers and Expiry date

Batchnumber	Exp.date stored at +2°C to +8°C
LOT 2009.144	2014-02

Reconstitution volume

10.0 mL

Calculated Consensus Values

Analyte	Calculated Consensus Value (µmol/L)	95% Confidence Interval
2-OH Glutaric acid	191	168-214
3 methylglutaric acid	70	65-75
3-OH-Butyric acid	1247	1122-1372
3-OH-Isovaleric acid	136	115-157
3-OH-Propionic acid	37	21-53
4-OH-Butyric acid	96	76-117
Creatinine	3032	2982-3082
Ethylmalonic acid	99	93-105
Fumaric acid	63	57-69
Glutaric acid	104	97-111
Glycolic acid	196	169-223
Hexanoylglycine	32	26-38
Keto-glutaric acid	358	318-398
Methylmalonic acid	1581	1480-1682
Suberic acid	212	191-233
Tiglylglycine	83	68-97
Glyceric acid	428	392-514
N-Acetyl aspartic acid	2686	1880-3492



Consult
Instructions
For Use



Organic Acids

Intended purpose

These materials are control materials (thus no calibrators) for the control of analytical systems for the determination of organic acids in urine.

Contents

Lyophilized human urine to which organic acids have been added to achieve an analytically and physiologically relevant level of the organic acids.

Value Assignment

The specimens are prepared from equal amounts of the specimen pools used to manufacture the ERNDIM External Quality Assessment Scheme samples. The assigned values represent the average of the mean consensus concentrations of the 4 pools equal to the concentrations in the annual report (see reverse of this productcertificate).

Storage and stability

The product in lyophilized form is stable for 5 years when stored at +2°C to + 8°C. Expiration dates are found on the productcertificate (reverse). The stability of the reconstituted product is 48 hours when handled appropriately: pure water, replacement of stopper and storage at 2-8 °C.

Instructions for use

- a. Remove cap and stopper. Open the vial carefully avoiding any loss of material.
- b. Add 10 mL aqua destillata (at room temperature)
- c. Replace stopper
- d. Let stand for 15 minutes at roomtemperature
- e. Mix carefully
- f. Analyse as patient sample

Precautions and warnings

1. For *in vitro* diagnostic use only.
2. This product should be handled with care, as appropriate for biological materials. Outdated and left-over material should be discarded as potentially infectious material, according to the procedures in your institute.

References

www.ERNDIMQA.nl

11 September 2007
Dr. C.W. Weykamp