Package 'micturate'

April 19, 2017

Type Package

Title Urinary analysis tools

Version 0.1.0

Author Tom Wilson <tpw2@aber.ac.uk>

Maintainer Tom Wilson <tpw2@aber.ac.uk>

Description Simple tools for helping with various aspects of urinary analysis.

License GPL (>= 3)

Encoding UTF-8

LazyData true

Suggests testthat

URL https://github.com/wilsontom/micturate

BugReports https://github.com/wilsontom/micturate/issues

RoxygenNote 5.0.0

NeedsCompilation no

R topics documented:

---

normVols	*Create normalisation volumes*

Description

Calculate the required Urine:Water volume for creating pools from multiple single urine samples, based on a measure of urine concentration (ie, refractive index)

Usage

```
normVols(df, volume)
```

Arguments

df	a `data.frame` with the following columns
volume	a numeric value for the total volume of each single sample to be used

id Unique sample identifier

value A value for urine conenctration (refractive index, osmolarity, etc..)

cls The class which sample will be grouped into for pooling

Value

a `data.frame` with the following columns

id	Unique sample identifier
value	A value for urine conenctration (refractive index, osmolarity, etc..)
cls	The class which sample will be grouped into for pooling
UrineVol	The volume of urine required
WaterVol	The volume of water required

Author(s)

Tom Wilson <tpw2@aber.ac.uk>

Index