

## Re: Converting mmol/Z/litre

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*Source:* <http://sci.tech--archive.net/Archive/sci.chem/2005-04/msg00686.html>

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- *From:* [bruce.sinclair@xx](mailto:bruce.sinclair@xx) (Bruce Sinclair)
  - *Date:* Wed, 27 Apr 2005 03:01:49 GMT
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In article <113u61d05q13ilt26tag3gq49tqoj8m333@xxxxxxx>, Bob <bbx107@xxxxxxx> wrote:

>On 25 Apr 2005 21:36:47 -0700, "Pat" <pyjstein@xxxxxxx> wrote:

>>

>>Since mmol/Z is supposedly equivalent to meq, can I just work out the

>>figures in terms of litre vs weight, if for eg. I know the media

>>density (dry) is 0.97 g/cm<sup>3</sup> ?

>>

>>127 mmol/Z/litre = 127 meq/litre

>> = 127 meq/ 970g

>> = 13.1 meq/ 100g

>> = 13.1 cmol/kg

>>

>>Does the above make sense ?

>

>It might. It all depends on what the person using the volume

>measurement is referring to.

>

>Rather than referring to the volume of the dry material, it might

>refer to the actual volume of the column or whatever.

>

>Bottom line... you need to deal with whomever wants this in L.

... and worst case, you can check your answers by experiment :)

Bruce

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The power of accurate observation is commonly called cynicism by those who have not got it.

– George Bernard Shaw

Cynic, n: a blackguard whose faulty vision sees things as they are, not as they ought to be.

– Ambrose Bierce

Caution ===== followups may have been changed to relevant groups  
(if there were any)

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- **References:**

- ◆ **Converting mmol/Z/litre**  
◇ From: Pat
- ◆ **Re: Converting mmol/Z/litre**  
◇ From: Farooq W
- ◆ **Re: Converting mmol/Z/litre**  
◇ From: Pat
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- ◆ **Re: Converting mmol/Z/litre**  
◇ From: Bob

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