

CPC(Gosan)

We have two capillaries for dilutor; 1/20 and 1/100.

TSI agency said we probably can control the dilution ratio, but we have not tried yet.

and he said we can check the dilution ratio with digital flow meter if it passes 1/20 of flowrate. We will check its flowrate and if the dilution ratio can be changed to be 2 ~ 3.

beta monitor

We will check if diffusion dryer works well without affecting of silica gel particles on the roll filter. And concerning beta monitor and gravimetric method comparison, I recently found that it has very big seasonality.

Please see attached file.

In AMY (page 2) filter-beta slope was 0.54 during winter, but it rised up to 0.91 for spring data this year.

And I tried to check filter-beta data of another site, Seoul in 2016 and 2017.

It also showed similar results.

So it would be better to remove Figure 7 because it doesn't represent the comparison of beta-filter mass in AMY.