

# Vanasyl LLC.



Our products consist of the Vanasyl sampling valve and single-use bags that can either be used as part of the Vanasyl Sampling System or for other needs such as storage, purification, transfer, addition, subtraction, amongst others.

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# THE VANASYL

## SAMPLING VALVE:



- Validated to meet GMP requirements
- Attaches to tank with an 25ml Ingold fitting; adaptors for other lengths are available.
- Teflon sliding seal.
- European-hygienic fittings for the inlet and outlet lines but tri-clamp adaptors can be provided on request.
- Maintenance-free. Self-cleaning.
- Helium-tested to  $> 10^{-7}$  mbar l/s at differential pressures of 1 Bar (14.5 psi) and 8 Bar (116 psi), and maintaining a perfect performance.
- May be continuously steam-sterilized up to 170°C (338°F). No separate steam shut-off valve required.
- Flow path is similar to an ISO 6mm ( $\frac{1}{4}$ " tube). Minimal internal volume of less than 2ml.
- No dead volume.

### THREE SIMPLE POSITIONS:



1) Sterilization



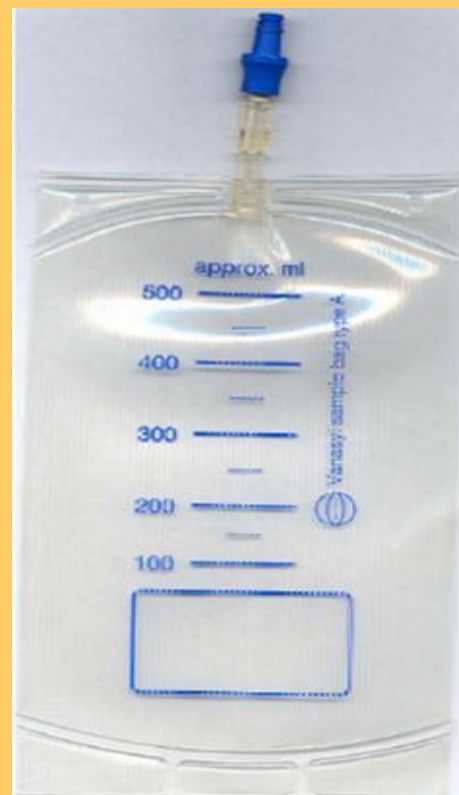
2) Shut-off



3) Sampling

# THE VANASYL BAGS FOR SAMPLING AND NON-SAMPLING NEEDS:

Example of a Vanasyl Sampling Bag:



- Multilayer Ethylene-Vinylacetate(EVA) With an EVOH Barrier Film.
- Gamma-irradiated to the latest acceptable standard.
- Shelf life of 3 years.
- UV Protection.
- Cryogenic suitability <-196°C
- Extractables/leachables tests available upon request.

