

## TECHNICAL DATA SHEET

### BM1675 – VIRAL PCR SAMPLE SOLUTION (VPSS)

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#### 1. PRODUCT / SUPPLIER IDENTIFICATION:

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**PRODUCT NAME:** Viral PCR Sample Solution (VPSS)  
**CODE No.:** BM1675  
**SUPPLIER:** E&O Laboratories Limited  
**ADDRESS:** Burnhouse  
Bonnybridge  
Scotland  
United Kingdom.  
**POST CODE:** FK4 2HH  
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**WEBSITE:** [www.eolabs.com](http://www.eolabs.com)



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#### 2. PRESENTATION:

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**CONTAINER:** M046  
**VOLUME:** 2ml

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#### 3. STORAGE AND SHELF LIFE:

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**STORAGE:** 2-30°C – A crystalline deposit may form during transport/storage at <15°C. Allow to warm to room temperature for 30 minutes and mix well to ensure the crystalline deposit has dissolved prior to use. **Store in the dark.**  
**SHELF LIFE:** 730 days

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#### 4. COMPOSITION / INFORMATION ON INGREDIENTS:

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Product formulation contains a buffering agent (TRIS), a metal ion chelator (EDTA), a nonionic surfactant (Triton X-100), a chaotropic protein denaturant and nuclease inactivating agent (Guanidine thiocyanate).

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**5. PRINCIPLE & INTENDED USE:**

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VPSS is a viral transport solution designed to facilitate collection and transport of viruses safely from site of sampling to a laboratory location at ambient temperatures. The medium is buffered to help maintain a pH of 7.1, and contains a metal ion chelator, a non-ionic surfactant and a chaotropic agent to facilitate disruption of virus particles, denaturation of viral proteins and inactivation of nucleases that may destroy target nucleic acids.

The resultant sample is suitable for virus identification by PCR analysis as well as other nucleic acid manipulations. VPSS is designed to disrupt viral particles, denature viral proteins and, therefore, reduce the infection hazard during transport & laboratory processing.

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**6. USAGE PRECAUTIONS:**

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All E&O products are for *in vitro* use only. E&O products are intended only for use by qualified professionals who will safely handle and dispose of products they receive. PPE should be worn in accordance with laboratory protocol.

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**7. PHYSICAL AND CHEMICAL PROPERTIES:**

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<b>APPEARANCE:</b>	Liquid
<b>COLOUR:</b>	Pale peach
<b>pH:</b>	7.1 ± 0.3

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**8. QUALITY CONTROL METHODS AND TEST ORGANISMS:**

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Sterility test only

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**9. OTHER INFORMATION:**

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N/A

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