

## TECHNICAL DATA SHEET

NVRL-BTV-16-VR-001

Technical Data Sheet v3  
Product Information v1

### BLUETONGUE VIRUS; SEROTYPE 16; REFERENCE STRAIN (WESTERN)

|                                |   |
|--------------------------------|---|
| <b>Product type:</b>           | Virus   |
| <b>Virus name:</b>             | <i>Bluetongue virus</i>   |
| <b>ICTV Taxonomy:</b>          | dsRNA → Unassigned dsRNA → Reoviridae → Sedoreovirinae → Orbivirus → Bluetongue virus   |
| <b>Serotype:</b>               | 16  |
| <b>Genotype:</b>               | -   |
| <b>Topotype:</b>               | Western   |
| <b>Isolate:</b>                | NIG1982/10  |
| <b>Geographical origin:</b>    | Nigeria   |
| <b>Collection date:</b>        | 22nd August 1982  |
| <b>Product Risk Group:</b>     | 3   |
| <b>Biosafety restrictions:</b> | This product is a live infectious virus. National and international regulations regarding use, storage and transport from the exporting and importing countries will need to be considered when supplying this product. |

### TECHNICAL DATA

|                              |  |
|------------------------------|--|
| <b>Unit definition:</b>      | 2 x 1ml  |
| <b>Storage conditions:</b>   | Viral Storage Medium at -80°C  |
| <b>Sequencing:</b>           | Complete genome  |
| <b>Genbank reference:</b>    | KC853052, AJ585150, DQ186819, KC853053, KC853054, AJ586694, KC853055, KC853056, KC853057, KC853058 |
| <b>Production cell line:</b> | Chicken embryos (E), BHK-21 (BHK)  |
| <b>Passage:</b>              | E1/BHK5  |

### QUALITY CONTROL

|                            |  |
|----------------------------|--|
| <b>Mycoplasma content:</b> | Mycoplasma free                          |
| <b>Infectivity:</b>        | Infectivity tested and quantified        |
| <b>Infectivity Test:</b>   | Cell culture                             |
| <b>Viral titre:</b>        | 10 <sup>5.7</sup> TCID <sub>50</sub> /ml |

### SHIPPING CONDITIONS

|                              |   |
|------------------------------|---|
| <b>Shipping temperature:</b> | Dry ice   |
| <b>IATA classification:</b>  | UN3373 (Biological Substance Category B) & UN1845 (Dry Ice) |

## Notes

|                     |  |
|---------------------|--|
| ICTV Taxonomy       | Taxonomy of the product according to the International Committee on Taxonomy of Viruses (ICTV) ( <a href="https://talk.ictvonline.org/">https://talk.ictvonline.org/</a> )   |
| Product Risk Group  | This risk group classification is to be used for laboratory work only, as defined by the WHO laboratory biosafety manual ( <a href="https://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf">https://www.who.int/csr/resources/publications/biosafety/Biosafety7.pdf</a> ) |
| IATA classification | Dangerous goods classification of the product according to the International Air Transport Association (IATA) regulations ( <a href="https://www.iata.org/">https://www.iata.org/</a> ).   |