

## CERTIFICATE OF ANALYSIS

Product : **DIMETHYLSULFOXIDE**  
 Product number : D1370  
 Batch number : 016500  
 Date of analysis : 29-09-2021  
 Date of expiry : 30-09-2024

Packaging and storage : store at room temperature in a well-closed container

|                                 | SPECIFICATION    | RESULT   | UNITS | REMARKS      |
|---------------------------------|------------------|----------|-------|--------------|
| Identification                  | conform          | complies |       | IR-spectrum  |
| Solubility                      | soluble in water | complies |       |              |
| Density                         | 1.096 – 1.106    | 1.101    |       | 20°C / 4°C   |
| Refractive index                | 1.478 – 1.479    | 1.4793   |       | 20°C         |
| Melting Point                   | ≥ 18.0           | complies | °C    |              |
| Readily carbonizable substances | conform          | complies |       |              |
| Related substances              | conform          | complies |       | GC           |
| Water                           | ≤ 0.05           | 0.02     | %     | Karl Fischer |
| Assay                           | ≥ 99.9           | 100.0    | %     | GC           |

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved  
 Released by:

drs. M. van Wissen, pharmacist  
 Department of Quality Control Duchefa B.V.

Date: 08-10-2021



The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

Duchefa Biochemie B.V.