

# CERTIFICATE OF CONTENT

Product : **MURASHIGE & SKOOG MEDIUM**  
 Product number : M0222  
 Batch number : P22133  
 Quality : Duchefa  
 Production date : 01-09-2023  
 Expiry date : 01-09-2026

Packaging/storage : In a well closed container at room temperature, protected from moisture.

| Name                                | Product code  |                |
|-------------------------------------|---|----------------|
| <b>MURASHIGE &amp; SKOOG MEDIUM</b> | <b>M0222</b>  | <b>mg/L</b>    |
| Cobalt chloride hexahydrate         | CoCl <sub>2</sub> .6H <sub>2</sub> O                | 0.025          |
| Cupric sulphate pentahydrate        | CuSO <sub>4</sub> .5H <sub>2</sub> O                | 0.025          |
| Ferric sodium EDTA                  | FeNaEDTA  | 36.70          |
| Boric acid                          | H <sub>3</sub> BO <sub>3</sub>                      | 6.20           |
| Potassium iodide                    | KI  | 0.83           |
| Manganese sulphate monohydrate      | MnSO <sub>4</sub> .H <sub>2</sub> O                 | 16.90          |
| Sodium molybdate dihydrate          | Na <sub>2</sub> MoO <sub>4</sub> .2H <sub>2</sub> O | 0.25           |
| Zinc sulphate heptahydrate          | ZnSO <sub>4</sub> .7H <sub>2</sub> O                | 8.60           |
| Calcium chloride                    | CaCl <sub>2</sub>                                   | 332.02         |
| Potassium nitrate                   | KNO <sub>3</sub>                                    | 1900.00        |
| Potassium dihydrogen phosphate      | KH <sub>2</sub> PO <sub>4</sub>                     | 170.00         |
| Magnesium sulphate                  | MgSO <sub>4</sub>                                   | 180.54         |
| Ammonium nitrate                    | NH <sub>4</sub> NO <sub>3</sub>                     | 1650.00        |
| Myo-inositol                        |   | 100.00         |
| Glycine                             |   | 2.00           |
| Nicotinic acid                      |   | 0.50           |
| Pyridoxine HCl                      |   | 0.50           |
| Thiamine HCl                        |   | 0.10           |
|                                     | <b>Concentration</b>                                | <b>4405.19</b> |

Conclusion: approved

Released by:

Q. de Hoog, MSc, pharmacist

Department of Quality Control Duchefa B.V.

Date: 20-12-2023

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

Duchefa Biochemie B.V.