

# CERTIFICATE OF CONTENT

Product : **MURASHIGE & SKOOG MEDIUM**  
 Product number : M0222  
 Batch number : P22145  
 Quality : Duchefa  
 Production date : 20-09-2023  
 Expiry date : 20-09-2026

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: 23-11-2023

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

Duchefa Biochemie B.V.