



# CERTIFICATE OF CONTENT

Product : **MURASHIGE & SKOOG MEDIUM Including Vitamins and MES buffer**  
Product number : M0255  
Batch number : P23309  
Quality : Duchefa  
Production date : 12-07-2024  
Expiry date : 12-07-2027

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

Name	Product code	
<b>MURASHIGE &amp; SKOOG MEDIUM Including Vitamins and MES buffer</b>	<b>M0255</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
MES		500.00
	<b>Concentration</b>	<b>4905.19</b>

Conclusion: approved

Released by:

J. van der Eem, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

Date: 29-11-2024

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

Duchefa Biochemie B.V.