



CERTIFICATE OF CONTENT

Product : **MURASHIGE & SKOOG MEDIUM Including Vitamins and MES buffer**

Product number : M0255

Batch number : P25027

Quality : Duchefa

Production date : 22-08-2025

Expiry date : 22-08-2028

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

Name	Product code	
MURASHIGE & SKOOG MEDIUM Including Vitamins and MES buffer	M0255	mg/L
Cobalt chloride hexahydrate	CoCl ₂ .6H ₂ O	0.025
Cupric sulphate pentahydrate	CuSO ₄ .5H ₂ O	0.025
Ferric sodium EDTA	FeNaEDTA	36.70
Boric acid	H ₃ BO ₃	6.20
Potassium iodide	KI	0.83
Manganese sulphate monohydrate	MnSO ₄ .H ₂ O	16.90
Sodium molybdate dihydrate	Na ₂ MoO ₄ .2H ₂ O	0.25
Zinc sulphate heptahydrate	ZnSO ₄ .7H ₂ O	8.60
Calcium chloride	CaCl ₂	332.02
Potassium nitrate	KNO ₃	1900.00
Potassium dihydrogen phosphate	KH ₂ PO ₄	170.00
Magnesium sulphate	MgSO ₄	180.54
Ammonium nitrate	NH ₄ NO ₃	1650.00
Myo-inositol		100.00
Glycine		2.00
Nicotinic acid		0.50
Pyridoxine HCl		0.50
Thiamine HCl		0.10
MES		500.00
Concentration		4905.19

Conclusion: approved

Released by:

S. Bayat, MSc, pharmacist

Department of Quality Control Duchefa Biochemie B.V.

Date: 05-09-2025

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

Duchefa Biochemie B.V.

