



# CERTIFICATE OF CONTENT

Product : **MURASHIGE & SKOOG MEDIUM Basal Salt Mixture incl. MES buffer**

Product number : M0254

Batch number : P21043

Quality : Duchefa

Production date : 04-01-2023

Expiry date : 04-01-2026

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

Name	Product code	
<b>MURASHIGE &amp; SKOOG MEDIUM Basal Salt Mixture incl. MES buffer</b>	<b>M0254</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 dihydrogen phosphate	KH <sub>2</sub> PO <sub>4</sub>	170.00
Potassium nitrate	KNO <sub>3</sub>	1900.00
Magnesium sulphate	MgSO <sub>4</sub>	180.54
Ammonium nitrate	NH <sub>4</sub> NO <sub>3</sub>	1650.00
MES		500.00
	<b>Concentration</b>	<b>4802.09</b>

Conclusion: approved  
Released by:

Date: 05-03-2025

Q. de Hoog, MSc, pharmacist  
Department of Quality Control Duchefa B.V.

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

Duchefa Biochemie B.V.



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