

CERTIFICATE OF CONTENT

Product : **Murashige & Skoog Medium including vitamins**
 Product number : M0222
 Batch number : P17828
 Quality : Duchefa P
 Manufacturing date : 03-12-2020
 Expiry date : 03-12-2023

FORMULA INGREDIENTS PER LITER

Content	Units (mg/l)	Batch	Units (gram)
<u>M0222 Murashige & Skoog Medium</u>			
Potassium Nitrate	1900.00	015700	
Ammonium Nitrate	1650.00	015441	
Potassium Dihydrogen Phosphate	170.00	015699	
Magnesium Sulphate Anhydrous	180.54	015809	
Calcium Chloride Anhydrous	332.02	015703	
M0301 MS Micro Elements	69.53	P17709	
M0409 MS Vitamin Mixture	103.10	P17757	

<u>M0301 Micro-salt mixture Murashige & Skoog Medium</u>		P17709	
Potassium Nitrate	930.47	015663/015416	
Boric Acid	6.20	014701	
NaFeEDTA	36.70	015338	
Manganese Sulfate.H ₂ O	16.90	015069	
Zinc Sulphate.7H ₂ O	8.60	015295	
P1 Potassium Iodide premix		P17678	P16841
Potassium Nitrate		015663	015091 15000.00
Potassium Iodide	0.83	015332	014179 99.60
P2 Sodium Molybdaat.2H ₂ O premix		P17255	
Potassium Nitrate		015473	2000.00
Sodium Molybdaat.2H ₂ O	0.25	014986	96.80
P3 Cobalt Chloride.6H ₂ O premix		P15678	
Potassium Nitrate		014167	2000.00
Cobalt Chloride.6H ₂ O	0.025	014322	5.20
P4 Cupric Sulphate.5H ₂ O premix		P17003	
Potassium Nitrate		015156	2000.00
Cupric Sulphate.5H ₂ O	0.025	014360	20.00

<u>M0409 Murashige & Skoog Medium vitamin mixture</u>		P17757	
Myo-Inositol	100.00	015677	
Glycine	2.00	014612	
Nicotinic acid	0.50	014314	
Pyridoxine HCl	0.50	015111	
Thiamine HCl	0.10	014523	

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
 Department of Quality Control Duchefa B.V.

Date: 10-05-2021



Duchefa Biochemie B.V.