

(90 × 210mm Size)

FUJIFILM

Wako

Code No. 158-03315 (500 mL)
153-03321 (50 mL)
150-03331 (50 mL)
157-03341 (50 mL)

OECD Medium, Stock Solution I (× 100)
OECD Medium, Stock Solution II (× 1,000)
OECD Medium, Stock Solution III (× 1,000)
OECD Medium, Stock Solution IV (× 1,000)

OECD Medium, Stock Solution I ~ IV are intended for preparation of OECD medium described in OECD Guidelines for the Testing of Chemicals 201¹⁾.

【Instruction for 1 L of OECD medium】

OECD medium is reconstituted from OECD Medium, Stock Solution I ~ IV.

Product	Volume
OECD Medium, Stock Solution I (× 100)	10 mL
OECD Medium, Stock Solution II (× 1,000)	1 mL
OECD Medium, Stock Solution III (× 1,000)	1 mL
OECD Medium, Stock Solution IV (× 1,000)	1 mL

Dilute to 1 L with ion exchange water.

【Components】

Code No.	Size	Components	mg/L	mg/L
158-03315	500 mL	OECD Medium, Stock Solution I (× 100)	× 100	× 1
		NH ₄ Cl	1,500.00	15.0000
		MgCl ₂ , 6H ₂ O	1,200.00	12.0000
		CaCl ₂ , 2H ₂ O	1,800.00	18.0000
		MgSO ₄ , 7H ₂ O	1,500.00	15.0000
		KH ₂ PO ₄	160.00	1.6000
153-03321	50 mL	OECD Medium, Stock Solution II (× 1,000)	× 1,000	× 1
		FeCl ₃ , 6H ₂ O	64.00	0.0640
		EDTA-Na ₃ , 2H ₂ O	100.00	0.1000
150-03331	50 mL	OECD Medium, Stock Solution III (× 1,000)	× 1,000	× 1
		H ₃ BO ₃	185.00	0.1850
		MnCl ₂ , 4H ₂ O	415.00	0.4150
		ZnCl ₂	3.00	0.0030
		CoCl ₂ , 6H ₂ O	1.50	0.0015
		CuCl ₂ , 2H ₂ O	0.01	0.00001
157-03341	50 mL	OECD Medium, Stock Solution IV (× 1,000)	× 1,000	× 1
		NaHCO ₃	50,000.00	50.0000

【Storage】

2 ~ 10 °C

Reference

- 1) OECD, OECD Guidelines for the Testing of Chemicals 201 Freshwater Alga and Cyanobacteria, Growth Inhibition Test (2006).

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan
Telephone : + 81-6-6203-3741
Facsimile : + 81-6-6201-5964
<http://www.wako-chem.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road
Richmond, VA 23237
U.S.A.
Telephone : + 1-804-271-7677
Facsimile : + 1-804-271-7791
<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggerstrasse 12
D-41468 Neuss
Germany
Telephone : + 49-2131-311-0
Facsimile : + 49-2131-311100
<http://www.wako-chemicals.de>

コード No. 158-03315 (500 mL)
153-03321 (50 mL)
150-03331 (50 mL)
157-03341 (50 mL)

OECD 培地, 濃縮液 I (×100)
OECD 培地, 濃縮液 II (×1,000)
OECD 培地, 濃縮液 III (×1,000)
OECD 培地, 濃縮液 IV (×1,000)

OECD培地、濃縮液 I～IVは、OECDテストガイドライン 201に示されたOECD培地¹⁾を調製するための製品です。

【OECD培地の調製方法(1 L)】

OECD培地、濃縮液 I～IVの4液を用いて作製します。

品 名	使用量
OECD 培地, 濃縮液 I (×100)	10 mL
OECD 培地, 濃縮液 II (×1,000)	1 mL
OECD 培地, 濃縮液 III (×1,000)	1 mL
OECD 培地, 濃縮液 IV (×1,000)	1 mL

イオン交換水などで1Lに調製します。

【組 成】

Code No.	Size	Components	mg/L	mg/L
158-03315	500 mL	OECD Medium, Stock Solution I (×100)	×100	×1
		NH ₄ Cl	1,500.00	15.0000
		MgCl ₂ , 6H ₂ O	1,200.00	12.0000
		CaCl ₂ , 2H ₂ O	1,800.00	18.0000
		MgSO ₄ , 7H ₂ O	1,500.00	15.0000
		KH ₂ PO ₄	160.00	1.6000
153-03321	50 mL	OECD Medium, Stock Solution II (×1,000)	×1,000	×1
		FeCl ₃ , 6H ₂ O	64.00	0.0640
		EDTA-Na ₂ , 2H ₂ O	100.00	0.1000
150-03331	50 mL	OECD Medium, Stock Solution III (×1,000)	×1,000	×1
		H ₃ BO ₃	185.00	0.1850
		MnCl ₂ , 4H ₂ O	415.00	0.4150
		ZnCl ₂	3.00	0.0030
		CoCl ₂ , 6H ₂ O	1.50	0.0015
		CuCl ₂ , 2H ₂ O	0.01	0.00001
		Na ₂ MoO ₄ , 2H ₂ O	7.00	0.0070
157-03341	50 mL	OECD Medium, Stock Solution IV (×1,000)	×1,000	×1
		NaHCO ₃	50,000.00	50.0000

【保存方法】

2～10℃

参考文献

- 1) OECD, OECD Guidelines for the Testing of Chemicals 201 Freshwater Alga and Cyanobacteria, Growth Inhibition Test (2006).

製造発売元

富士フイルム 和光純薬株式会社
大阪府中央区道修町三丁目1番2号
Tel : 06-6203-3741

1801KA1