

[Form 1]

Report on degradation test results

1. General information

IUPAC name of new chemical substance, etc.			
Other name			
CAS no.			
Structural or rational formula (if neither is available, summarize its formulation method)			
Molecular weight			
Purity of the new chemical substance used for the test (%)			
Lot number of the new chemical substance used for the test			
Names and contents of impurities			
Vapor pressure			
Solubility in water			
1-Octanol/water partition coefficient			
Melting point			
Boiling point			
Properties at room temperature			
Stability			
Solubility in solvents, etc.	Solvent	Solubility	Stability in solvent

[Notes] Provide the physicochemical properties wherever possible.

1. Fill in the "Vapor pressure" column with the vapor pressure of the test substance.
2. Fill in the "Stability" column with the stability of the test substance against temperature, light, etc.
3. Fill in the "Solubility in solvents, etc." column with the solubility and stability of the test substance in a solvent.

2. Test method

Test method	
Exposure period (day)	
Type of sludge	
Test substance concentration	
Suspended solid concentration in sludge	
PH	adjusted • unadjusted

3. Test results

(1) BOD chart

* The chart may be attached separately.

(2) BOD measurement results

Measurement day Test vessel	BOD (mg)			
	Day 7	Day 14	Day 21	Day 28
(Water + test substance)				
(Sludge + test substance)	No1			
	No2			
	No3			
(Sludge + aniline)				
(Sludge blank)				

(3) Measurement results (values on day 28)

Measured parameters		(Sludge + test substance)			(Water + test substance)	Theoretical amount of charge
		No1	No2	No3		
BOD *1	mg					
DOC *1	mg					
Volume and ratio of the residual test substance (name of the analytical instrument)	mg					
	%(1)					
Volume and ratio of derivatives produced*2 (name of the analytical instrument)	mg	*2	*2	*2	*2	*2
	%(2)	*2	*2	*2	*2	
Material balance ((1) + (2))	%					

*1: The values presented in (Sludge + test substance) are values obtained by subtracting the measurements for the sludge blank from measurements of the sludge + test substance.

*2: Fill in these columns if derivatives have been produced.

(4) Degradability

		(Sludge + test substance)			Average
		No1	No2	No3	
BOD degradability	%				
DOC degradability	%				
Test substance degradability	%				

4. Recovery rate (average)

(Water + test substance) recovery	%	
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(Sludge + test substance) recovery	%	
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5. Discussion

<p>* Provide a discussion (concerning the biodegradability of the present test substance) on the present test results as much as possible.</p> <p>* Provide the material balance, etc., if derivatives have been produced.</p> <hr/>
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6. Others

Testing agency	Name		
	Address	Tel:	Fax:
Test director	Name and status		
	Years of experience		
Test number			
Test period	From (month) (day) (year) to (month) (day) (year)		

[Notes]

1. Fill in the present form by transcribing from the final report.
2. Fill in the test number reported in the final report.
3. In the margin of this form, provide the name and affiliation of the person in charge of filling in this form.

