

Test Report

REPORT NO: UG/2011/60501A-02 Date: 2011/07/05 Page : 1 of 4



Bowsling Biotechnology Co., Ltd.

No.31, Juguang Rd., Pingzhen City, Taoyuan County 324, Taiwan

The following sample(s) was/were submitted and identified by/on behalf of client as:

Sample Name : EcoPure Natural Laundry Detergent
Applicant : Bowsling Biotechnology Co., Ltd.
Style/Item No: BC-1263
Country of Origin: Taiwan
Date of Sample Received: 2011/06/22
Date of Testing: 2011/06/23

Test Results: -Please refer to next page(s)-

Signed for and on behalf of
SGS Taiwan Ltd.

Shin-Jyh Chen

Shin-Jyh Chen
Asst. Manager



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Test Report

REPORT NO: UG/2011/60501A-02 Date: 2011/07/05 Page : 2 of 4



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Test Results:

Test Item	CAS NO.	Test Method	Test Results	Detected Limit	Unit
Nonyl Phenol Ethoxylates (NPEO)	---	With reference to DOH Food No.0971800002 method , analysis was performed by HPLC/DAD.	N.D.	0.020	% (w/w)
Octyl Phenol Ethoxylates (OPEO)	---	With reference to DOH Food No.0971800002 method , analysis was performed by HPLC/DAD.	N.D.	0.010	% (w/w)
Alkyl Phenol Ethoxylates (APEO)	---	NPEO+OPEO	N.D.	--	% (w/w)
Triclosan	003380-34-5	With reference to BFDA"Analytical Methods for Drugs and Cosmetics"(I) P.77~78. Analysis was performed by HPLC/DAD.	N.D.	0.00020	% (w/w)
Ethylenediaminetetraacetic acid (EDTA)	006381-92-6	With reference to ASTM D1767-89 method.	N.D.	0.010	%
Formaldehyde	000050-00-0	With reference to CNS9538 method. Analysis was performed by UV/VIS.	N.D.	5.0	ppm (mg/kg)
pH	--	With reference to CNS 4987 method. Analysis was performed by pH-meter.	9.30	---	---
available chlorine	--	With reference to CNS 3395 method. Analysis was performed by Auto titrator.	N.D.	0.050	%(w/w)
Chloride	016887-00-6	Analysis was performed by Auto titrator.	N.D.	0.050	%(w/w)
Phosphorus (P)	007722-76-1	With reference to USEPA 3052 method. Analysis was performed by ICP-OES.	N.D.	2.0	ppm (mg/kg)
Fluorescent Brightening Agents	---	With reference to CNS 4986 method.	Negative	---	---

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Test Report

REPORT NO: **UG/2011/60501A-02** Date: 2011/07/05 Page : 3 of 4



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Surface-activity Agent	---	With reference to CNS 4986 method.	4.7	0.01	%
Phosphate	---	With reference to CNS 4986 method.	N.D.	0.05	%
Benzophenone	000119-61-9	Analysis was performed by HPLC/DAD.	N.D.	0.10	%
Biodegradability of Nonionic Surface Active Agent	---	With reference to CNS 4985 and CNS 4986 method.	>97	---	%
NTA (Nitrilotriacetic acid)	---	With reference to ASTM D4954 method.	N.D.	0.1	%
Perborate	---	As Sodium perborate tetrahydrate $\text{NaBO}_3 \cdot 4\text{H}_2\text{O}$ (CNS 4986, JIS K8246)	N.D.	0.01	%

- NOTE :
- 1.The report is separated for used in vain.
 - 2."N.D."non-detected means the test results is lower than detection limit value.
 - 3.Negative = Undetectable / Positive = Detectable.

- END -

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Test Report

REPORT NO: UG/2011/60501A-02 Date: 2011/07/05 Page : 4 of 4



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Sample Photo



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