



Rapport d'essai :  
Test verslag : NO40754.01.01  
Test report :

BfB code : 40754

Client :

Klant :

Customer :

**NORD RESINE**  
Via Fornace Vecchia, 79  
I-31058 Susogana (Treviso)

**Att.:Stefano Martin**

Date d'arrivée :

Ontvangstdatum :

Date of receipt :

10/11/2003

Date d'émission du rapport :

Rapport verzendingsdatum :

Report emission date :

23/03/2004

Dear Sir,

Please find hereafter the result of the analysis performed on your sample described as follow :

BfB code :	Customer code:	Sample description:
40754	Nordoil W	250 ml oil into a 500 ml plastic container.

### TOXICITY ON FISH

#### Determination of acute toxicity on Brachydanio rerio following OECD 203

##### Principle :

Determination, in the conditions defined in this norm, of initial concentration (it means of the concentration at the beginning of the test) that, in 96 hours, kills 50 % of the fishes tested.

This concentration, called *efficient* initial inhibitor concentration, is designed by LC<sub>50</sub>-96h.

##### Method :

Directive of :

OECD 203 (17/07/92) "Guideline for testing chemicals : *Brachidanio rerio acute toxicity test* "

##### Information about the tested organism :

*Brachydanio rerio* (Teleostei, Cyprinidae) (Hamilton-Buchonan) currently called Zebrafish

In cultivation into our laboratory (minimum acclimation of 2 weeks)

Alimentation : daily until 24 hours before the test.

Rapport d'essai :  
Test verslag : NO40754.01.01  
Test report :

Amount of organisms for the test :

10 organisms by test concentration.

The maximum charge is 10 fishes for 4 litres water environment.

Test concentration :

The test solution must be prepared immediately before introducing fishes.

In the same time than the control, we must test concentrations forming a geometrical series, allowing to obtain 100 % death rate after 96 hours and a intermediary series to calculate the LC<sub>50</sub>-96 hours.

Test environment :

The test environment has to comply with OECD-203 (17/07/92).

Other experimental conditions :

12 to 16 hours light / day.

Test temperature between 21 and 25 °C.

No ventilation during the test.

No food during the test.

Fishes length 2,0 ± 1,0 cm.

Sample preparation :

The mother solution preparation is carried out at a concentration of 100 mg/l.

The mother solution is diluted in order to obtain a concentration range that permit to calculate the LC<sub>50</sub>-96 hours; the exact concentrations are mentioned in the table below.

Rapport d'essai :  
Test verslag : NO40754.01.01  
Test report :Results :

Concentrationmg/l	Death rate		
	48 hours	96 hours	% (96 h)
Blanc	0	0	0
115 mg/l	0	0	0
57 mg/l	0	0	0
11 mg/l	0	0	0
5,7 mg/l	0	0	0
1,2 mg/l	0	0	0

After a 96 hours incubation, a death rate of 50% of *Brachydanio rerio* appears for a > 115 mg/l concentration.

**LC<sub>50</sub> 96h *Brachydanio rerio* > 115 mg/l.**