

FINAL REPORT
No. ZP/44/2014/CO

Assessment of the product:

AZURO OXI TABLETY V KOMBINACI S AZURO AKTIVÁTOREM OXI

Applicant: Mountfield a.s.
Sales Department
Mirošovická 697
251 64 Mnichovice

Manufacturer: Mountfield a.s.
Sales Department
Mirošovická 697
251 64 Mnichovice

Report issue date: 17 June 2014

Number of annexes: 0

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Conditions for use of this Report:

This Report applies to the product specified above solely. The Report may be used only unless the manufacturing procedure has changed.

This Report or parts thereof shall be published only with the consent of the Head of the Certification Body.

**This Final Report is based on Test Certificate No. /03/2014/CO-D of 03 March 2014.
This is only a change of the name of the product "Aquamar Spa Kyslíkové Tablety a Spa Aktivátor", which is supported by safety data sheets.**

The assessment is based on testing and inspection of samples of the product:

AZURO OXI TABLETY V KOMBINACI S AZURO AKTIVÁTOREM OXI

Product description:

Properties: This product is one in the Azuro pool chemistry product range. Azuro OXI tablets are used for ongoing comprehensive water treatment. Submerged in water, the tablets dissolve slowly and release the active substance, which oxidises impurities present in the water. For adequate performance, Azuro OXI tablets are used together with Azuro Activator OXI.

Appearance and composition: Azuro OXI tablets: white tablets (20g), slowly dissolving in water, with an algicidal effect. The active substance is pentapotassium bis(peroxosulphate)-bis(sulphate) (1000g/kg), CAS No.: 70693-62-8.

Azuro Activator OXI: clear colourless liquid solution containing alkyl(C₁₂-C₁₆) benzyl(dimethyl)ammonium chlorides (245mg/l) as the active substance.

Dosage: The recommended dose is 1-2 tablets per m³ of water every 2 weeks, combined with 85 ml/m³ Azuro Activator OXI once a week.

I. Sample:

"Aquamar Spa Kyslíkové tablety a Spa Aktivátor", internal sample number: 106/14, 107/14.

II. Relevant documents for preparation of this Final Report:

1. Technical standards and regulations and other technical documents applicable to the product(s):

Regulation No. 304/2002	of the Czech Ministry of Health, establishing detailed specification of the principles and the procedure for the assessment of biocidal products and active substances
Regulation No. 352/2013	of the Czech Ministry of Health on health requirements for products coming into direct contact with water and products intended for water treatment
Test T20, Test Procedure ZP 63 ČSN EN ISO 8692	Algal growth inhibition test

2. Documents submitted:

Aquamar Spa Kyslíkové tablety product label
Azuro OXI tablety product label
Aquamar Spa Aktivátor product label
Azuro Aktivátor Oxi product label
Safety data sheet – Aquamar Spa Aktivátor
Safety data sheet - Azuro OXI tablety
Safety data sheet – Aquamar Spa Kyslíkové tablety
Safety data sheet - Azuro Aktivátor Oxi

3. Test reports:

Test Report No. 137-14-62 of 28 February 2014, Algal growth inhibition test, efficacy assessment, sample No. 106/14, 107/14.

4. Test site:

Výzkumný ústav organických syntéz a.s. [Research Institute of Organic Syntheses], 533 54 Rybitví 296, Analytical Testing Laboratory No. 1057

5. Test methods:

Test T20, Test Procedure ZP 63

III. Test results and evaluation

Algicidal efficacy of the product:

Experimental conditions:

Test method: T 20 - Algal growth inhibition test
Test temperature: 22.5 - 23.0°C
Test pH: 7.5 – 7.8
Microorganisms: *Desmodesmus subspicatus* Brinkmann 1953/SAG 86.84

Application concentration:

2 mg Aquamar Spa Kyslíkové Tablety + 0,17 ml Aquamar Spa Aktivátor

Effect of this product on *Desmodesmus subspicatus* algal inoculum

Nominal concentration	Growth rate μ				Growth rate inhibition I_{μ}			
	24 h μ	48 h μ	72 h μ	96 h μ	24 h %	48 h %	72 h %	96 h %
2 mg + 0,17 ml/1000 ml	0,73	0,37	0,13	0,16	57,5	69,9	89,7	88,4
Control	1,73	1,22	1,22	1,35	0	0	0	0

Algal growth inhibition (%) was calculated by determining the growth rate I_{μ} .

IV. Conclusion:

The product:

**AZURO OXI TABLETY V KOMBINACI S AZURO
AKTIVÁTOREM OXI**

manufactured by: Mountfield a.s., Sales Department, Mirošovická 697, 251 64 Mnichovice

and submitted for assessment by: Mountfield a.s.
Sales Department
Mirošovická 697
251 64 Mnichovice

**exhibits algicidal efficacy, assessed pursuant to Regulation No. 304/2002
and Regulation No. 352/2013 of the Czech Ministry of Health and to ČSN EN ISO 8692,
establishing detailed specification of the principles and the procedure for the assessment of
biocidal products and active substances and health requirements, which conforms to the
efficacy declared by the Applicant.**

*This Report is intended as a basis for issue of a Certificate confirming that the established technical
requirements have been met.*

The term of validity and the validity conditions will be specified in the Certificate.