

FINAL REPORT
No. ZP/10/2014/CO

Assessment of the product:

AZURO CHLOR TRIO

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: 3 June 2014

Number of annexes: 0

Report prepared by: Ing. Kateřina Karanská

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.

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

AZURO CHLOR TRIO

Product description:

Properties: This product is one in the Azuro pool chemistry product range. It is used as a disinfectant and flocculating agent.

Appearance and composition: White tablets with blue crystals 200 g weight, slowly soluble in water. The active substance is trichloroisocyanuric acid, Index No.: 613-031-00-5.

Dosage: The recommended dose is 1-2 tablets per 30m³ of water every 5-8 days.

I. Sample:

Azuro Chlor Trio, internal sample number: 242/14, 10/2014/CO.

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:

Azuro Chlor Trio product label

3. Test reports:

Test Report No. 264-14-62 of 2 June 2014, Algal growth inhibition test, efficacy assessment, sample No. 242/14, 10/2014/CO, issued by VUOS a.s.

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: 24.0°C
Test pH: 7.5 – 7.6
Illumination: 8400 - 8450 lux
Microorganisms: *Desmodesmus subspicatus* Brinkmann 1953/SAG 86.84

Application concentration: 200 g/30 m³

Effect of Azuro Chlor Trio on *Desmodesmus subspicatus* algal inoculum

Nominal concentration	pH 0 h	pH 96 h	Algal culture density – cell count per ml in:			
			24 h	48 h	72 h	96 h
6.7 mg / 1000 ml	7.5	7.5	14,583	10,417	6,250	10,417
Control	7.6	7.5	60,417	72,917	41,0417	218,7500

Algal growth inhibition test evaluation

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

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 %
6.7 mg / 1000 ml	0.38	0.02	-0.16	0.01	79.0	97.9	100.0	99.2
Control	1.80	0.99	1.24	1.35	0	0	0	0

IV. Conclusion:

The product:

AZURO CHLOR TRIO

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.