

**Certificate of Analysis**

Product: **Aluminiumacetat-Tartrat Lösung 11,1 %  
DAB**

Batch: **230004**

Quantity: 3966 x 250 g  
Expiry date: 12.2027  
Date of issue date: 02.02.2023  
Release: Mgr. Alexandra Ábelová, Head of Quality Control

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Factory Address:  
MIKROCHEM spol.s.r.o.  
Za dráhou 33  
902 01 Pezinok  
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Test	Acceptance criteria	Result
Description	Clear, colourless to slightly yellow solution with an odor of acetic acid	
Identification: A. Aluminium B. Tartrate C. Acetyl	Positive Positive Positive	Complies Complies Complies
Acidity (Reaction with sodium hydroxide)	Conforms	Complies
Acidity (Reaction with Methyl orange)	Conforms	Complies
Ferrocyanide (II)	Conforms	Complies
Clarity and Degree of Opalescence of liquids	Clear, opalescence less than reference solution I	Complies
Degree of Coloration of Liquids	Less than coloration of reference solution Y5	Complies
Relative Density	1.044 – 1.058	1,055
Calcium	≤ 0.25 %	< 0.25 %
Heavy metals	≤ 20 ppm	< 20 ppm
Iron	≤ 20 ppm	< 20 ppm
Sulphates	≤ 0.5 %	< 0.5 %
Assay Aluminium	(1.30 – 1.45) %	1,37 %
Assay Acetic acid	(5.3 – 6.3) %	5,8 %
Total aerobic microbiological count (TAMC)	≤ 10 <sup>2</sup> CFU/ml	0 CFU/ml
Total combined yeasts and moulds count (TYMC)	≤ 10 <sup>1</sup> CFU/ml	0 CFU/ml
Absence of Pseudomonas aeruginosa	Conforms	Complies
Absence of Staphylococcus aureus	Conforms	Complies

athenstaedt  
GmbH & Co KG  
Registered Office  
Battenberg (Eder)  
Commercial Registry  
Marburg HRA 4750  
Partner with  
Unlimited Liability:  
athenstaedt group gmbh  
Registered Office  
Battenberg (Eder)  
Commercial Registry  
Marburg HRB 6364  
Managing Directors:  
Stefanie E. Sponholz,  
Thorsten Sponholz

The batch was tested according to specification. Final statement: **COMPLY**

**athenstaedt**

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