

Helm AG
BU Crop Protection
Product Development & Establishment
Nordkanalstrasse 28, 20097 Hamburg

Analysenzertifikat Certificate of Analysis

Product Prothioconazole 300 EC (Promino)
Batch no. PTH101001 **Expiry date** July 26th, 2023

Parameter	Value	Result	Method
Appearance	Yellow to brown clear liquid	compliant	Visually
A.I. Prothioconazole	300 ± 15 g/L	305 g/L	HPLC
Persistent foam after 1 min	< 30 mL	0 mL	CIPAC MT 47.3
pH 1% in de-ionised H ₂ O	4.5 – 6.5	5.9	CIPAC MT 75.3
Initial emulsification (0.075% and 0.65% in CIPAC Water D)	uniform	uniform	CIPAC MT 36.3
Cream / oil, after 0.5 hours	< 2 / < 2 mL	0 mL (trace of oil)	
Density	1.07 ± 0.02 g/mL	1.07 g/mL	OECD 109

Hamburg, 27.10.2022

Place, date



Dr. Paolo Grassi
Senior Formulation Manager