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**Test Report 7664491**

Order No. 7554218  
Customer No. 10221796

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Deutsche  
Akkreditierungsstelle  
D-PL-11020-04-00

Hamburg, 08.10.2025

Your order/project: Analyses  
Your purchase order number: 800522747  
Your purchase order date: 24.09.2025

This (e)Report cancels and supersedes the (e)Report No.7661765 dated 07.10.2025 issued by SGS Germany GmbH.  
Reason: Addition/correction of sample identification

**General Information:**

Sample No.:	250939606
Sample:	171392/09/2025 SFD Ostropest plamisty - 90 tabl. 001 Z/OLT/PZL-L/4990/10/2025/Ma
Date of receipt:	26.09.2025
Testing period (begin / end):	26.09.2025 / 06.10.2025
Quantity:	70g
Packaging:	Plastic bag

**Test Results:**

Parameter	Method	Lab	Unit	Result	Limit of quantification	Requirements
<b>Special analyses:</b>						
Sum of Echimidine and Heliosupine quantified as Echimidine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum of Echimidine-N-oxide and Heliosupine-n-oxide quantified as Echimidine-N-oxide	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Europine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Europine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Heliotrine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Heliotrine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Intermedine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 1,0	1,0	
Sum of Intermedine N-oxide, Echinatine N-oxide, Rinderine N-oxide and Indicine N-oxide quantified as Intermedine N-oxide	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Lasiocarpine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 1,0	1,0	
Lasiocarpine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 1,0	1,0	
Sum of Lycopsamine, Echinatine, Rinderine and Indicine quantified as Lycopsamine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 1,0	1,0	
Lycopsamine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Sum of Retrorsine and Usaramine quantified as Retrorsine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum of Retrorsine N-oxide and Usaramine N-oxide quantified as Retrorsine N-oxide	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Senecionine	SOP M 1274,	HH	µg/kg	< 5,0	5,0	

	LC-MS/MS					
Sum of Senecionine N-oxide and Integerrimine N-oxide quantified as Senecionine N-oxide	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum of Seneciphylline and Spartiodine quantified as Seneciphylline	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum of Seneciphylline N-oxide and Spartiodine N-oxide quantified as Seneciphylline N-oxide	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Sum of Senecivernine and Integerrimine quantified as Senecivernine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Senecivernine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Senkirkine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum 21 pyrrolizidine alkaloids and their isomers acc. to Reg. (EU) 2023/915, calc.		HH	µg/kg	< 5,0		
Erucifoline	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Erucifoline-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Jacobine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 5,0	5,0	
Jacobine-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Monocrotaline	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Monocrotaline-NOx	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Trichodesmine	SOP M 1274, LC-MS/MS	HH	µg/kg	< 2,5	2,5	
Sum pyrrolizidine alkaloids, calc.		HH	µg/kg	< 5,0		

Investigations at the laboratory location Hamburg (HH) are carried out in the laboratory of the SGS Germany GmbH.  
 Investigations at the laboratory locations Berlin (B2), Freiburg (FR) and Taunusstein (TS) are carried out in laboratories of the SGS INSTITUT FRESENIUS GmbH.

Investigations at the laboratory location Jena (J) are carried out in the laboratory of the SGS Analytics Germany GmbH.  
 Non-accredited test methods, if any, are marked as such.

*The laboratory sites of the SGS group Germany according to the abbreviations mentioned above including the corresponding accreditation process numbers are listed at  
<http://www.institut-fresenius.de/filestore/89/laborstandortkuerzelsgs.pdf>.*

SGS Germany GmbH

**Summary of used test methods:**

SOP M 1274, LC-MS/MS	2016-10 extended measurement uncertainty (relative) with $p = 95\%$ , $k = 2$ (sampling was not taken into account): 30 % for Scopolamine, determined for vegetable raw materials up to 25 $\mu\text{g}/\text{kg}$ 45 % for Atropine, determined for vegetable raw materials up to 25 $\mu\text{g}/\text{kg}$ 40 % for the other mentioned tropan alkaloids, determined for vegetable raw materials up to 25 $\mu\text{g}/\text{kg}$ 20 % for Monocrotalin-N-Oxide, Monocrotaline, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 25 % for Jacobin-N-Oxide, Monocrotaline, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 35 % for 4Erucifolin-N-Ox, Echimidine-N-Oxide, Europin-N-Ox, Heliotrin-N-Oxide, Lasiocarpine, Lycopsamin-N-Oxide, Seneciphyllin-N-Oxide, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 40 % for Echimidine, Intermedin-N-Oxide/Indicin-N-Oxide, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 45 % for Retrosin-N-oxide, Senecionin-N-Oxide, Seneciphylline, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 50 % for Trichodesmine, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ 30 % for the other mentioned pyrrolizidine alkaloids, determined for vegetable raw materials up to 20 $\mu\text{g}/\text{kg}$ The sample-specific measurement uncertainty was not determined and can deviate.
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\*\*\* End of test report \*\*\*

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