


**TEST REPORT NO 252540/23/GDY**

<b>Client</b> <b>SFD SPÓŁKA AKCYJNA</b> GŁOGOWSKA 41 45315 OPOLE		<b>Sample (according to declaration of Client)</b> Sample description: LOCO ENERGY & SPEED 120 caps Batch: LC230403 Production date: 01.04.2023
Sample reception date:	<b>17.05.2023</b>	Sample status: no objections  Sample received from the Client
Start of analysis	<b>17.05.2023</b>	
End of analysis	<b>02.06.2023</b>	
Test report date	<b>02.06.2023</b>	

Test Method	Unit	Result
* Aerobic colony count at 30°C PN-EN ISO 4833-1:2013-12	cfu/g	<1,0x10 <sup>1</sup>
* Number of yeasts and moulds at 25°C PN-ISO 21527-2:2009 (withdrawn)		
Number of yeasts	cfu/g	<1,0x10 <sup>1</sup>
Number of moulds	cfu/g	<1,0x10 <sup>1</sup>
* Presence of coagulase-positive staphylococci (Staphylococcus aureus and other species) in 1 g PN-EN ISO 6888-3:2004; PN-EN ISO 6888-3:2004/AC:2005	in 1 g	Not detected
* Presence of Escherichia coli in 1 g PN-ISO 7251:2006	in 1 g	Not detected
* Presence of Salmonella spp. in 25 g PN-EN ISO 6579-1:2017-04; PN-EN ISO 6579-1:2017-04/A1:2020-09	in 25 g	Not detected
* Presence of Listeria monocytogenes in 25 g PN-EN ISO 11290-1:2017-07	in 25 g	Not detected
* Pyrrolizidine alkaloids <sup>3) 4)</sup> PB-498 ed. I of 23.05.2022		
Echimidine	µg/kg	< 5,0 (5,0 ± 1,8)
Echimidine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Echinatine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Europine	µg/kg	< 5,0 (5,0 ± 1,8)
Europine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Heliosupine	µg/kg	< 5,0 (5,0 ± 1,8)
Heliosupine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Heliotrine	µg/kg	< 5,0 (5,0 ± 1,8)
Heliotrine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Intermedine	µg/kg	< 5,0 (5,0 ± 1,8)
Intermedine-N-oxide (sum of intermedine-N-oxide and indicine-N-oxide as intermedine-N-oxide)	µg/kg	< 5,0 (5,0 ± 1,8)

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Lasiocarpine	µg/kg	< 5,0 (5,0 ± 1,8)
Lasiocarpine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Lycopsamine (sum of lycopsamine, indicine and echinatine as lycopsamine)	µg/kg	< 5,0 (5,0 ± 1,8)
Lycopamine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Retrorsine (sum of retrorsine and usaramine as retrorsine)	µg/kg	< 5,0 (5,0 ± 1,8)
Retrorsine-N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Rinderine	µg/kg	< 5,0 (5,0 ± 1,8)
Rinderine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Senecionine	µg/kg	< 5,0 (5,0 ± 1,8)
Senecionine-N-oxide (sum of senecionine-N-oxide and integerrimine-N-oxide as senecionine-N-oxide)	µg/kg	< 5,0 (5,0 ± 1,8)
Seneciphylline (sum of seneciphylline and spartioidine as seneciphylline)	µg/kg	< 5,0 (5,0 ± 1,8)
Seneciphylline-N-oxide (sum of seneciphylline-N-oxide and spartioidine N-oxide as seneciphylline-N-oxide)	µg/kg	< 5,0 (5,0 ± 1,8)
Senecivernine (sum of senecivernine and integerrimine as senecivernine)	µg/kg	< 5,0 (5,0 ± 1,8)
Senecivernine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Senkirkine	µg/kg	< 5,0 (5,0 ± 1,8)
Usaramine N-oxide	µg/kg	< 5,0 (5,0 ± 1,8)
Sum of pyrrolizidine alkaloids	µg/kg	below quantification limit
Caffeine <sup>1)</sup> PN-ISO 10095:1997 (withdrawn)	mg/dose	218
* Vitamin B12 (cyanocobalamin) <sup>2)</sup> PB-328 ed. 2 of 05.09.2022	µg/dose	2,36 ± 0,47
* Vitamin B3 (niacin) <sup>1)</sup> EN 15652:2009	mg/dose	69,7

- 1) Dose declared by the Client: 7500 mg (6 capsules).
- 2) Specificity: cobalamin, cyanocobalamin, hydroxycobalamin, methylcobalamin, adenosylcobalamin. No cross reactivity.
- 3) The lower limit of the measuring range of the accredited method, which is also the limit of quantification set by the Laboratory.
- 4) Limit of quantification 5,0 (5,0 ± 1,8) µg/kg.

Authorized by:  
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The test report bears the certified electronic seal of J.S. Hamilton Poland Sp. z o.o.

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THE END OF THE REPORT

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\* Test method accredited

# Test performed by external provider