

# Certificate of Analysis

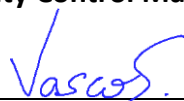
**Product name:** Dog FaSSIF/Dog FaSSGF  
**Product description:** Free flowing powder  
**Batch number:** DOGFAS-1118-A  
**Test report code:** BRV77483  
**Long-term storage:** 2 – 8 °C, protected from light and humidity  
**Manufacturing date:** November 2018  
**Expiry date:** November 2020

Test	Test method	Target	Result	Unit
Appearance	Visual inspection	White to slightly yellow powder	Complies	-
Sodium taurocholate content	<sup>1</sup> H-NMR	> 32.0	38.3	% w/w
Sodium taurodeoxycholate content	<sup>1</sup> H-NMR	> 30.0	32.1	% w/w
Phosphatidylcholine content	<sup>31</sup> P-NMR	> 12.0	12.7	% w/w
Lysophosphatidylcholine content	<sup>31</sup> P-NMR	> 7.0	8.3	% w/w
Sodium oleate content	<sup>1</sup> H-NMR	> 4.0	4.9	% w/w
Water content	Karl Fisher	< 3.0	1.9	% w/w
Surfactant content	Sum of surfactants	> 90.0	96.3	% w/w

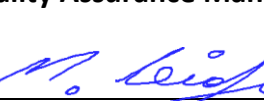
**Evaluation:** Complies with specifications

**Release date:** 17 December 2018

**Quality Control Manager**

  
 (Vasco Santos)

**Quality Assurance Manager**

  
 (Dr. Mathew Leigh)