

Certificate of Analysis

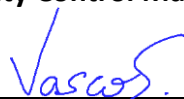
Product name: Dog FaSSIF/Dog FaSSGF
Product description: Free flowing powder
Batch number: DOGFAS-0718-A
Test report code: BRV74642
Long-term storage: 2 – 8 °C, protected from light and humidity
Manufacturing date: July 2018
Expiry date: July 2020

Test	Test method	Target	Result	Unit
Appearance	Visual inspection	White to slightly yellow powder	Complies	-
Sodium taurocholate content	¹ H-NMR	> 32.0	38.4	% w/w
Sodium taurodeoxycholate content	¹ H-NMR	> 30.0	33.1	% w/w
Phosphatidylcholine content	³¹ P-NMR	> 12.0	12.7	% w/w
Lysophosphatidylcholine content	³¹ P-NMR	> 7.0	8.8	% w/w
Sodium oleate content	¹ H-NMR	> 4.0	5.1	% w/w
Water content	Karl Fisher	< 3.0	0.7	% w/w
Surfactant content	Sum of surfactants	> 90.0	98.1	% w/w

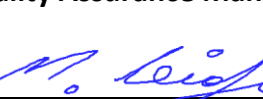
Evaluation: Complies with specifications

Release date: 18 July 2018

Quality Control Manager


(Vasco Santos)

Quality Assurance Manager


(Dr. Mathew Leigh)