

# Certificate of Analysis

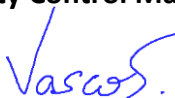
**Product name:** FaSSIF/FeSSIF/FaSSGF  
**Product description:** Free flowing powder  
**Batch number:** FFF-0419-B  
**Test report code:** BRV80574  
**Long-term storage:** 2 – 8 °C, protected from light and humidity  
**Manufacturing date:** April 2019  
**Expiry date:** April 2021

| Test                        | Test method         | Target                          | Result   | Unit  |
|-----------------------------|---------------------|---------------------------------|----------|-------|
| Appearance                  | Visual inspection   | White to slightly yellow powder | Complies | -     |
| Sodium taurocholate content | <sup>1</sup> H-NMR  | > 66.5                          | 71.0     | % w/w |
| Phospholipid content        | <sup>31</sup> P-NMR | > 23.5                          | 25.9     | % w/w |
| Water content               | Karl Fisher         | < 3.0                           | 0.5      | % w/w |
| Surfactant content          | Sum of surfactants  | > 90.0                          | 96.9     | % w/w |


**Evaluation:** Complies with specifications

**Release date:** 17 May 2019

**Quality Control Manager**

  
 (Vasco Santos)

**Quality Assurance Manager**

  
 (Dr. Mathew Leigh)