

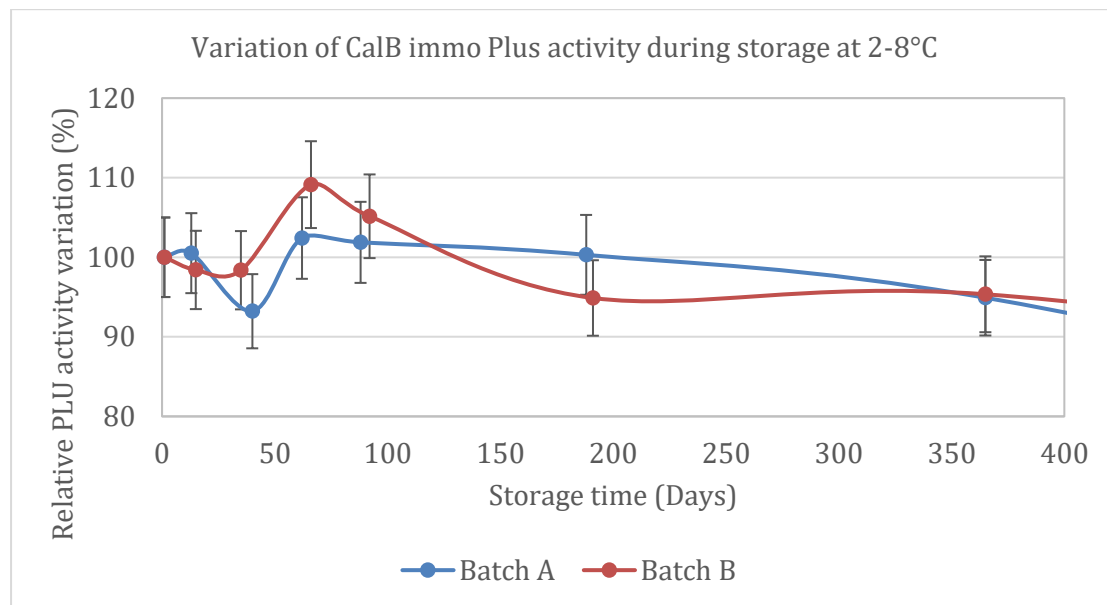
22<sup>nd</sup> September 2020

## Storage and temperature stability of:

**Lifetech™ CalB immo Plus**  
**Lifetech™ CalB immo 8806**  
**Lifetech™ CalB immo 8285**

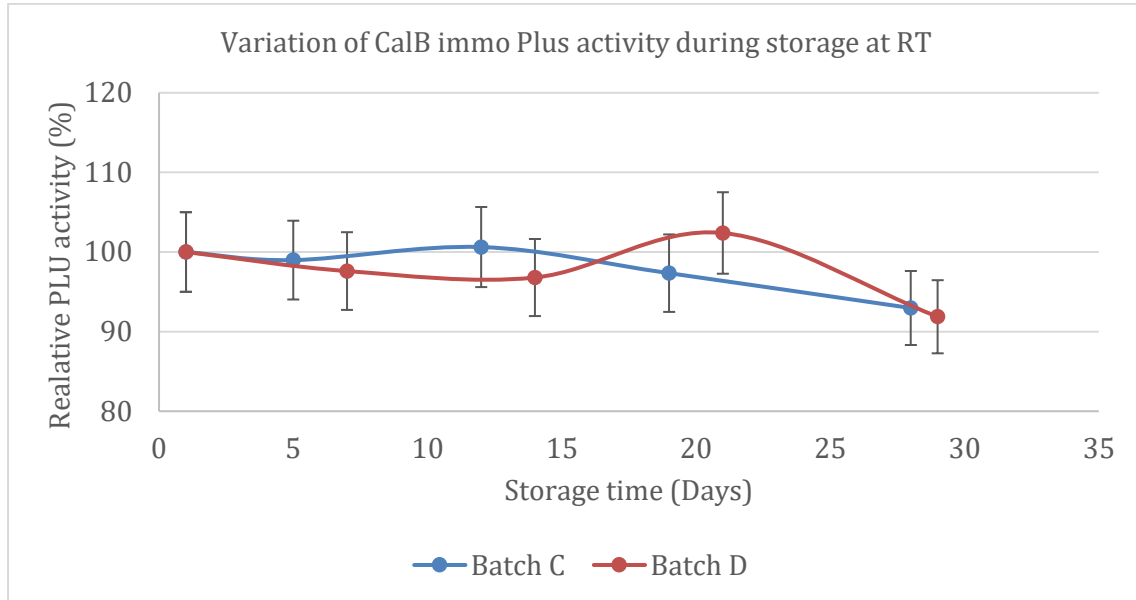
Following stability studies at different storage temperatures, we confirm that product Lifetech™ CalB immo Plus has shown the following activity retention pattern:

### Storage at 2-8°C:



The PLU activity was measured on day one and subsequent measurements were calculated in % relative to the initial activity reading on day one. All readings were done in triplicates. The data obtained indicates that the Lifetech™ CalB immo Plus is maintaining more than 90% of the initial activity after one-year storage at 2-8°C.

Storage at room temperature 20-25°C (RT):



The PLU activity was measured on day one and subsequent measurements were calculated in % relative to the initial activity reading on day one. All readings were done in triplicates. The data obtained indicates that the Lifetech™ CalB immo Plus is maintaining more than 95% of the initial activity after 20 days storage at RT and more than 90% of the initial activity after 30 days storage at RT.

From additional studies (not shown) it was concluded that the CalB immo Plus is also stable for up to 5 days storage at 30°C maintaining approx. 95% of the initial activity.

The same storage and temperature behavior were recorded for Lifetech™ CalB immo 8806 and Lifetech™ CalB immo 8285 products

Purolite is ensuring that the named products remain within the specification at shipping time and after storage at RT for periods as described above.

Consequently, the products have good short-term stability at RT and up to 30°C to allow non refrigerated shipments without affecting the overall performance and properties. However, the long term recommended storage temperature is 2-8°C for all the named products.

Sincerely,

**Simona Serban**, PhD, CChem  
Application Manager Life Sciences at Purolite