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# Certificate of Analysis

**Product:** Succinyl-CoA synthetase (*prokaryote*)
**Cat. No:** E-SCOAS
**Lot. No:** 230401A
**Expiry Date:** December, 2027

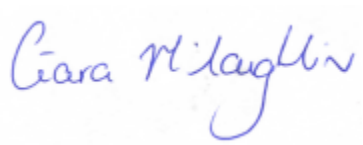
**Specific activity and level of other activities:**

**8 U/mg protein (25°C, pH 8.4)**
One Unit of Succinyl-CoA synthetase activity is defined as the amount of enzyme required to release one µmole of succinyl CoA from succinic acid (5.8 mM) per minute in the presence of NADH and Coenzyme A in glycylglycine buffer (34 mM), pH 8.4 at 25°C).

| Substrate | % |
|---|---|
| Succinic Acid | 100 |
| ATP | < 0.002 |
| NADH | < 0.001 |

Action on above substrates was determined in glycylglycine buffer (34 mM), pH 8.4 at 25°C.

This lot meets our specification.

**Signature:** 

**Date:** 30.Nov.2023

Ciara McLoughlin
QC Manager

(*as this certificate is a computer printout, it has not been signed or dated by hand*)

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