

## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>N-Arachidonoyl Serine</b> [N-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-L-serine; NARAS; NASer; AraS]; C <sub>23</sub> H <sub>37</sub> NO <sub>4</sub> M.W. 391.5, CAS# [187224-29-9]
<b>PRODUCT NUMBER:</b>	N-2563
<b>LOT NUMBER:</b>	G1270
<b>APPEARANCE:</b>	Solid tan wax
<b>SOLUBILITY:</b>	Dissolve in 50mg/ml DMSO; or 40mg/ml ethanol
<b>ANALYSIS (TLC):</b>	> 98%
<b>NMR:</b>	Conforms
<b>FURTHER INFORMATION:</b>	Endogenous lipo-aminoacid with vasodilatory properties isolated from bovine brain. Directly activates the large conductance Ca <sup>2+</sup> channels in sympathetic neurons. Stimulates angiogenesis and endothelial wound healing. Displays proneurogenic properties and beneficial effects after traumatic brain injury
<b>STORAGE &amp; HANDLING:</b>	Store desiccated at -20°C. CAUTION: For research use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: LA