



## CERTIFICATE OF ANALYSIS

**PRODUCT:** **Arvanil**  
N-[(4-Hydroxy-3-methoxyphenyl)methyl]-5Z,8Z,11Z,14Z-  
eicosatetraenamide; C<sub>28</sub>H<sub>41</sub>NO<sub>3</sub>, M.W. 439.6; CAS# [128007-31-8]

**PRODUCT NUMBER:** A-1138

**LOT NUMBER:** A8188

**APPEARANCE:** Clear oil

**SOLUBILITY:** Soluble in dimethyl formamide or DMSO.

**PURITY (HPLC):** ≥98%

**STORAGE & HANDLING:** Keep cool and dry at -20°C.

Further dilutions of the stock solution into aqueous buffers or isotonic saline should be made prior to performing biological experiments. Also, ensure that the residual amount of organic solvent is insignificant, since organic solvents may have physiological effects at low concentrations. If an organic solvent-free solution is needed, it can be prepared by directly dissolving the neat oil in aqueous buffers.

For maximum aqueous solubility, the product can be directly dissolved in 0.1 M Na<sub>2</sub>CO<sub>3</sub> (1 mg/ml) and then diluted with PBS (ph 7.2) to achieve the desired concentration or pH. We do not recommend storing the aqueous solution for more than a day.

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: 