



## CERTIFICATE of ANALYSIS

<b>PRODUCT:</b>	<b>Riluzole</b> [2-Amino-6-(trifluoromethoxy)-benzothiazole, 6-(Trifluoromethoxy)-2-benzothiazolamine] C <sub>8</sub> H <sub>5</sub> F <sub>3</sub> N <sub>2</sub> OS, M.W. 234.2, CAS# [1744-22-5]
<b>PRODUCT NUMBER:</b>	R-1034
<b>LOT NUMBER:</b>	B1386
<b>APPEARANCE:</b>	White to off-white solid.
<b>SOLUBILITY:</b>	Soluble in DMSO (>25mg/ml), 100% ethanol (>25mg/ml), methanol (>40mg/ml), 45% (w/v) aq 2-hydroxypropyl-β- cyclodextrin (14mg/ml) or in 0.1N HCl (11mg/ml); insoluble in water.
<b>MELTING POINT:</b>	119°C
<b>PURITY:</b>	≥98% (TLC)
<b>PRODUCT DESCRIPTION:</b>	Glutamate release inhibitor. Neuroprotective. Blocks the inactivated state of voltage-gated neuronal Na <sup>+</sup> channels at very low concentrations (about 0.1μM) and activates the TREK family of two-pore domain potassium channels.
<b>STORAGE &amp; HANDLING:</b>	Stable for up to 1 year after receipt when stored at +20°C. Stock solutions are stable for up to 3 months at -20°C. CAUTION: For laboratory research & scientific manufacturing 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:	DD