

## Certificate of Analysis

<b>Product Name</b>	2',3'-cGAMP sodium (2'-3'-cyclic GMP-AMP sodium)
<b>Catalog No.</b>	V72301
<b>Batch No.</b>	V7230101

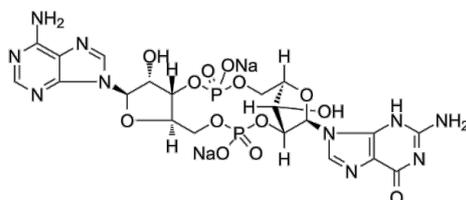
### 1. Physical and Chemical Properties

<b>Appearance</b>	Powder
<b>Molecular Formula</b>	C <sub>20</sub> H <sub>22</sub> N <sub>10</sub> Na <sub>2</sub> O <sub>13</sub> P <sub>2</sub>
<b>Molecular Weight</b>	718.37
<b>Purity</b>	= 99.66%
<b>CAS No.</b>	2734858-36-5
<b>Production Date</b>	2023-11-16

### 2. Analytical Data

<b>HPLC</b>	Indicates = 99.66% purity
<b>NMR.</b>	Consistent with structure
<b>Mass Spectrum</b>	Consistent with structure

### 3. Structure



### 4. Storage Condition

<b>Short term storage (weeks)</b>	0-4 °C under dry condition for six weeks
<b>Long term storage (months)</b>	-20 °C under dry condition for three years

**Products are for research use only • Not for human or veterinary use**