



**CERTIFICATE OF ANALYSIS**  
**Brain Derived Neurotrophic Factor**  
**BDNF**  
**Human Recombinant Powder**  
**(Catalog Number 300-104P)**

Lot Number: G424162

Date Received: \_\_\_\_\_

Storage Temperature:  $\leq -10^{\circ}\text{C}$

Product Expiry\*: \_\_\_\_\_

For Cell culture, Further Manufacturing or Research use Only. Not for Direct Therapeutic Use.

\*Expiration Date is one year from the date of receipt when stored at  $-20$  to  $-80^{\circ}\text{C}$

| Test                                 | Methodology   | Analysis                 |
|--------------------------------------|---|--------------------------|
| <b>Biological Testing</b>            |   |                          |
| Endotoxin                            | USP <85>/ EP 2.6.14   | <0.005 EU/ $\mu\text{g}$ |
| <b>Biological Testing</b>            |   |                          |
| Purity                               | Coomassie Staining  | >95%                     |
| Biological Activity ED <sub>50</sub> | Proliferation of a neuroblastoma cell line stably expressing TrkB (BR6) assay | 1.609 ng/mL              |

The testing that has been performed as part of this lot release has been reviewed by Quality Assurance personnel and has confirmed that the testing meets the specifications presented on this Certificate of Analysis.

Levi Immoos

Name

QC Associate

Title

15 NOV 2024

Date