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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Pramiracetam (In House Standard)**

### Identification:

Chemical Name: N-(2-(diisopropylamino)ethyl)-2-(2-oxopyrrolidin-1-yl)acetamide

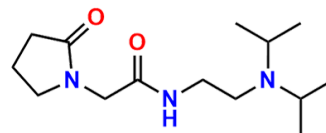
Synonyms : NA

CAS Number : 68497-62-1

CAT Number : CP-P270000

Molecular Formula : C<sub>14</sub>H<sub>27</sub>N<sub>3</sub>O<sub>2</sub>

Molecular Weight : 269.39



### Analytical Information:

| Sr. No. | Test           | Result                   |
|---------|----------------|--------------------------|
| 1)      | Description    | Solid                    |
| 2)      | Solubility     | Soluble in Methanol/DMSO |
| 3)      | MASS By LCMS   | Confirm to structure     |
| 4)      | Purity By HPLC | >98%                     |
| 5)      | H1NMR          | Confirm to structure     |



### Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Manager QC Analytical)

### Approved By

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.