

Registered Address: Chemicea Pharmaceuticals Pvt Ltd, Platinum Springs,  
Unit No- A- 205&206 Second floor, Plot No: G-6, G-20 to G 24, Taloja- MIDC, Opp. Dena Bank  
Navi Mumbai 410208, MH, INDIA. Email- [info@chemicea.com](mailto:info@chemicea.com) Mob- +91 9284897978

## CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

**Product Name: Valproic Acid EP Impurity H**

### Identification:

Chemical Name: Pentanenitrile (as per EP)

Synonyms : Valeronitrile

CAS Number : 110-59-8

CAT Number : CP-V6008

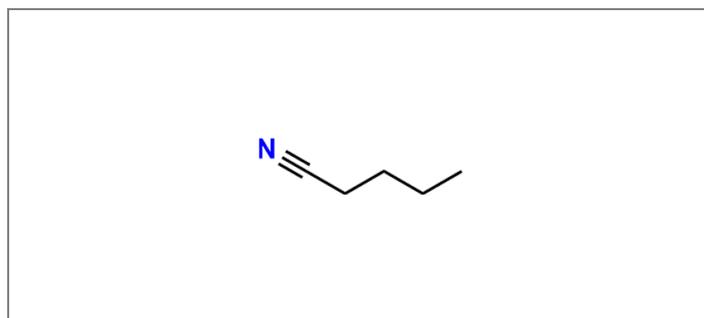
Molecular Formula : C<sub>5</sub>H<sub>9</sub>N

Molecular Weight : 83.13

Batch Number : CP-PEN-0525

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

| Sr. No. | Test                | Result                                |
|---------|---------------------|---------------------------------------|
| 1)      | Description         | Colorless Liquid                      |
| 2)      | Solubility          | Soluble in Methanol/CDCl <sub>3</sub> |
| 3)      | MASS By LCMS        | Not Ionized                           |
| 4)      | Purity By HPLC      | 99.97%                                |
| 5)      | <sup>1</sup> H NMR  | Confirm to structure                  |
| 6)      | <sup>13</sup> C NMR | Confirm to Structure                  |
| 7)      | IR                  | Confirm to Structure                  |



Prepared and Reviewed By

Ms Priyanka Salunkhe  
(Quality Control)

Approved By

Ms Rohini Gagare  
(Quality Assurance)

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