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CERTIFICATE OF ANALYSIS

Analysis Date:

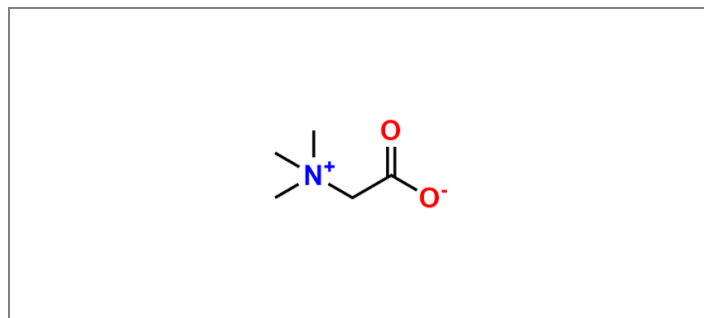
Re-test Date:

Product Name: Betaine

Identification:

Chemical Name: 2-(trimethylazaniumyl)acetate

Synonyms : Abromine ; Aminocoat ;
Aquadew AN 100 ; Betafin ;
Betafin BCR ; Betafin BP ;
Cystadane ; Betaine ;
Trimethylbetaine Glycine ;
Glycocoll Betaine ;
Glycylbetaine ; Greenstim



CAS Number : 107-43-7

CAT Number : CP-B145000

Molecular Formula : C₅H₁₁NO₂

Molecular Weight : 117.15

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) | ¹ HNMR | Confirm to structure |
| 6) | IR | Confirm to Structure |
| 7) | Weight loss by TGA | - |
| 8) | Potency by TGA | - |



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.