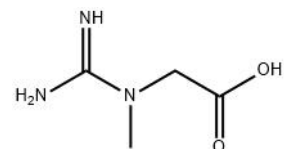


Technical Data Sheet

Creatine

Compound Information

| | |
|---------------------------|---|
| Product Name: | Creatine |
| CAS No.: | 57-00-1 |
| Molecular Formula: | C ₄ H ₉ N ₃ O ₂ |
| Molecular Weight: | 131.13 |
| Storage: | Store at 0-8 °C |
| Revision Date: | 2026-04-15 |



Analytical Information

| Tests | Specifications |
|------------------------|---|
| Appearance | White crystalline powder |
| Clarity | Clear and colorless solution |
| Heavy Metals | ≤10 ppm |
| Anion | Sulfate (SO ₄ ²⁻): ≤0.1% |
| Cation | Iron (Fe): ≤10 ppm |
| LOD | ≤ 0.5% |
| Related Substances | Creatinine: ≤ 300 ppm |
| Residue On Ignition | ≤ 0.1% |
| Purity | ≥ 99% |
| 1H NMR | Pass test |
| IR | Pass test |
| Raman | Pass test |

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