

# Guanidine Carbonate, technical mixture

**Empirical Formula:**  $C_3H_{12}N_6O_3$

Synonyms: Bisguanidinum carbonate, Carbonic acid, compound with guanidine (2:1)

CAS No.: 593-85-1

EINECS.No: 209-813-7

Molecular mass: 180.17 kg/kmol

|  |  | Test Methods |
|--|--|--------------|
| <b>Appearance:</b>   | White to slightly yellowish crystalline powder   | 301e         |
| <b>Assay:</b>  | > 99% (HPLC)                                     | 311e         |
| <b>Loss on drying:</b>   | max. 0,5%  | 303e         |
| <b>Sulfated Ash:</b>   | max. 0,1%  | 307e         |
| <b>Appearance of solution</b><br>(25 g / 75 ml water):<br>(visual examination) | clear to clear with traces of insoluble material | 302e         |
| <b>Heavy metals:</b>   | max. 10 mg/kg                                    | 313e         |
| <b>Melamine content:</b>   | Max. 1%  | 312e         |

Above LAT Nitrogen analysis methods are available upon request.

**TECHNICAL SUPPORT:**

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**PRODUCTION SITE:**

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