

Material No.: 0507-04
Revision No.: 0

Product Specification

GMP Manufactured Product

| Test | Specification |
|---|------------------|
| NF – Identification A (IR) | Passes Test |
| NF – Identification B: Absorbance at 230 nm | ≤ 0.2 |
| NF – Identification B: Absorbance at 260 nm | ≤ 0.03 |
| NF – Identification B: Absorbance at 275 nm | ≤ 0.03 |
| NF – Identification C (Cl) | Passes Test |
| NF – Assay (dried basis) | 99.5 – 101.0 % |
| NF – Residue on Ignition | ≤ 0.05 % |
| NF – Sulfate | ≤ 0.005 % |
| NF – Limit of Nitrate | ≤ 0.005 % |
| NF – Acidity | ≤ 0.01 % |
| NF – Loss on drying | ≤ 0.5 % |
| NF – Melting range, Onset | ≥ 184 °C |
| NF – Melting Range, Final | ≤ 188 °C |
| RNase Activity (None Detected) | Passes Test |
| DNase Activity | Passes Test |
| Protease Activity (None Detected) | Passes Test |
| Arsenic and Antimony (as As) | ≤ 0.500 ppm |
| Trace Impurities – Copper (Cu) | ≤ 0.200 ppm |
| Cyanide (CN) | ≤ 0.1 ppm |
| Trace Impurities – Iron (Fe) | ≤ 2.0 ppm |
| Trace Impurities – Lead (Pb) | ≤ 0.500 ppm |
| Particulate Matter | Passes Test |

Guanidine Hydrochloride
GenAR®
Suitable for use in Biotechnology



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|------|---------------|

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CAUTION: For Manufacturing, processing or repackaging
MANUFACTURED EXCLUSIVELY FOR AVANTOR PERFORMANCE MATERIALS, LLC., BY BIOSPECTRA, INC., STROUDSBURG, PA
Packaging Site: Paris Mfg Ctr & DC