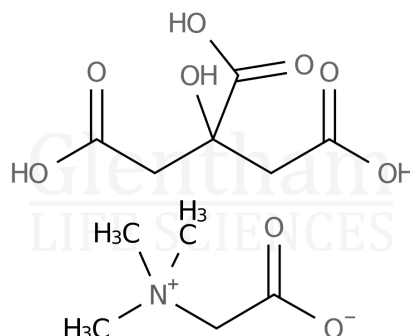


Product Specification

| | |
|----------------|-----------------|
| Product Name | Betaine citrate |
| Glenthams Code | GE9418 |
| CAS Number | 17671-50-0 |
| EINECS | 241-648-6 |

| | |
|-------------------|---|
| Molecular Weight | 309.27 |
| Molecular Formula | C ₁₁ H ₁₉ NO ₉ |
| Storage Temp. | +20°C |



| Property | Specification |
|----------------------|------------------------------|
| Physical Description | White crystalline powder |
| Assay | 98.5 - 100.5 % (dried basis) |
| Loss on Drying | ≤ 0.5% |
| Residue on Ignition | ≤ 0.1% |
| Heavy Metals | ≤ 10ppm |
| Lead (Pb) | ≤ 3ppm |
| Arsenic (As) | ≤ 1ppm |
| Mercury (Hg) | ≤ 0.1ppm |
| Cadmium (Cd) | ≤ 1ppm |

| | |
|-----------------------|--------------|
| Specification Version | - v1.0 |
| Date Created | - 2014-05-15 |

Glenthams Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glenthams.com or contact us using the details above for the current version of this document.

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