

## Product Datasheet

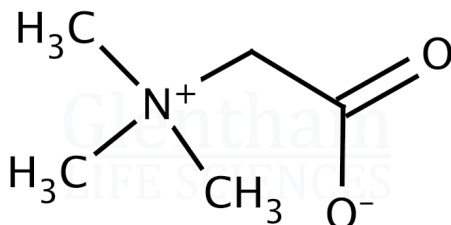
### GE1604 - Betaine, anhydrous

#### Product Details

|                    |                           |
|--------------------|---------------------------|
| Product Name       | Betaine, anhydrous        |
| Glentham Code      | GE1604                    |
| CAS Number         | 107-43-7                  |
| EINECS             | 203-490-6                 |
| MDL Number         | MFCD00012123              |
| PubChem SID        | 310267781                 |
| Related Categories | Amino Acids, Biochemicals |

#### Structure

Molecular Weight : 117.15  
Molecular Formula :  $C_5H_{11}NO_2$



#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Glentham Product Specification

Physical Description : White to off-white crystalline powder

Solubility (5% in water) : Clear, colourless to very faint yellow solution  
Heavy Metals (as Pb) :  $\leq 10\text{ppm}$   
Loss on Drying :  $\leq 2.5\%$  (105°C)  
Assay : 98.0 - 102.0 % (dried basis)  
Version : v1.1

#### About Betaine, anhydrous

A quaternary ammonium zwitterion, betaine has a ubiquitous presence as an organic osmolyte in animals, plants and microorganisms. It is used in cosmetics and nutritional applications, and has been used in anti-cancer drug studies.

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