

## Product Datasheet

### GE1604 - Betaine, anhydrous

#### Product Details

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

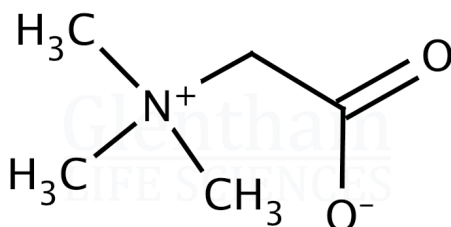
Solubility (5% in water)	: Clear, colourless to very faint yellow solution
Heavy Metals (as Pb)	: $\leq 10\text{ppm}$
Loss on Drying	: $\leq 2.5\%$ (105°C)
Assay	: 98.0 - 102.0 % (dried basis)
Version	: v1.1

#### 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.

#### Structure

Molecular Weight : 117.15  
Molecular Formula :  $\text{C}_5\text{H}_{11}\text{NO}_2$



#### 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

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