

**neoFroxx GmbH**

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## Specification

|   |   |
|---|---|
| <b>Product</b>  | <b>Glycine for molecular biology</b>          |
| <b>Brand</b>  | BioFroxx                                      |
| <b>Product number</b>                                   | 1154  |
| <b>Synonym(s)</b>                                       | Aminoacetic acid, Glycocoll                   |
| <b>Formula</b>  | C <sub>2</sub> H <sub>5</sub> NO <sub>2</sub> |
| <b>Molecular weight</b>                                 | 75.07 g/mol                                   |
| <b>CAS number</b>                                       | 56-40-6                                       |
| <b>Storage</b>  | below 25°C                                    |
| <b>Retest period (months)</b>                           | 60  |
| All amino acids from neoFroxx are of non-animal origin! |   |
| <b>Parameter</b>  | <b>Specification</b>                          |
| DNases/RNases/Proteases                                 | not detectable                                |
| Assay (titr.)   | min. 99.5 %                                   |
| pH (5 % in water, 20°C)                                 | 5.9 - 6.4                                     |
| Loss on drying  | max. 0.1 %                                    |
| Other amino acids                                       | max. 0.1 %                                    |
| Ammonium  | max. 0.02 %                                   |
| Chloride (Cl)   | max. 0.004 %                                  |
| Sulfate (SO <sub>4</sub> )                              | max. 0.005 %                                  |
| As  | max. 0.0001 %                                 |
| Fe  | max. 0.0005 %                                 |
| Pb  | max. 0.0005 %                                 |

Einhausen, 22.09.2021