



## Product Specification

|                                  |                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------|
| Product code:                    | 1088                                                                                            |
| Product name:                    | Natural Butyric Acid                                                                            |
| Chemical name or synonyms:       | Butanoic Acid                                                                                   |
| Empirical formula:               | C <sub>4</sub> H <sub>8</sub> O <sub>2</sub>                                                    |
| Declaration in USA:              | Natural                                                                                         |
| EEC:                             | Natural Flavoring Substance                                                                     |
| Appearance:                      | Colorless to pale yellow liquid                                                                 |
| Odor:                            | Rancid                                                                                          |
| Melting point (for solids only): | N/a                                                                                             |
| Boiling point:                   | 164°C                                                                                           |
| Flash point:                     | ca. 72°C                                                                                        |
| Specific gravity @ 20°/20°C:     | 0.956 – 0.961                                                                                   |
| Refractive index @ 20°C:         | 1.396 – 1.401                                                                                   |
| Assay (by GLC):                  | 99.0% min.                                                                                      |
| Water:                           | 1% max.                                                                                         |
| Solubility:                      | Slightly soluble in water; soluble in most organic solvents.                                    |
| Storage and shelf life:          | In tightly closed container away from light and source of ignition at max. 20°C; 36 months min. |
| FEMA No.:                        | 2221                                                                                            |
| CFR No.:                         | 182.60                                                                                          |
| EINECS No.:                      | 203-532-3                                                                                       |
| CAS No.:                         | 107-92-6                                                                                        |
| CoE No.:                         | 5                                                                                               |
| HS code:                         | 2915.60.1000                                                                                    |
| FLAVIS No:                       | 8.005                                                                                           |

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