



## **Product Specification**

Product code:	1285
Product name:	Natural Ethyl 3-hydroxybutyrate
Chemical name or synonyms:	3-Hydroxybutyric acid Ethyl Ester
Empirical formula:	$C_6H_{12}O_3$
Declaration in   USA:	Natural
EU:	Flavoring Substance
Appearance:	Colorless slightly pale yellow liquid
Odor:	Fruity, grape
Melting point (for solids only):	-
Boiling point:	170°C
Flash point:	77°C
Specific gravity @ 20°/20°C:	1.009 – 1.019
Refractive index @ 20°C:	1.415 – 1.425
Assay (by GLC):	98% min.
Solubility:	Insoluble 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: 48 months min
FEMA No.:	3428
CFR No.:	172.510
EINECS No.:	226-456-2
CAS No.:	5405-41-4
CoE No.:	10596
FLAVIS No.:	9.522
HS code:	2918.19.1500

Date:       Oct. 2023  
Version:   10.0