

SPECIFICATION SHEET

VERSION 3

VERSION DATE 18/02/14

PRODUCT	BUTYRIC ACID, NATURAL
IUPAC NAME	BUTYRIC ACID
SYNONYMS	NATURAL BUTANOIC ACID
PLANT OF ORIGIN	Sugarcane
FORMULA	$C_4H_8O_2$
MOLECULAR WEIGHT	88
CAS	107-92-6
EINECS	203-532-3
FEMA	2221
CoE	5
FDA	182.60
TARIFF NUMBER	2915601990
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Exempt from registration (product to be used exclusively in flavours)

SPECIFICATIONS

ASPECT AT 20°C	CLEAR LIQUID
COLOUR	COLORLESS
ODOUR	RANCID BUTTER, SOUR
TASTE	ACID
DENSITY AT 20°C (g/ml)	0,954 – 0,96
DENSITY 25/25	0,952 – 0,956
REFRACTIVE INDEX n_D^{20}	1,397 – 1,399
BOILING POINT (°C)	162 – 164
FLASH POINT (°C)	71
ASSAY (%GC)	> 99
SOLUBILITY	SLIGHTLY SOLUBLE
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED FOR MORE THAN 24 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE. STORE IN POLYTHENE LINED CONTAINERS.

