

SPECIFICATION SHEET

VERSION 3

VERSION DATE 23/05/13

PRODUCT	CAPROIC ACID, NATURAL
IUPAC NAME	HEXANOIC ACID
SYNONYMS	NATURAL CAPROIC, NATURAL HEXANOIC ACID
PART OF THE PLANT	OBTAINED BY SUGAR, FERMENTATION
FORMULA	$C_6H_{12}O_2$
MOLECULAR WEIGHT	116,16
CAS	142-62-1
EINECS	205-550-7
FEMA	2559
CoE	9
FDA	172.515
TARIFF NUMBER	2915907090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
REACH REGISTRATION NO.	Not available. Substance lawfully placed in the EU market before 1 June 2018

SPECIFICATIONS

ASPECT AT 20°C	OILY LIQUID
COLOUR	COLORLESS TO PALE YELLOW
ODOUR	UNPLEASANT, CHEESE
TASTE	ACRID TASTE
DENSITY AT 20°C (g/ml)	0,925 – 0,93
REFRACTIVE INDEX n_D^{20}	1,413 – 1,42
BOILING POINT (°C)	204 - 206
MELTING POINT (°C)	ca. - 4°C
FLASH POINT (°C)	99
ASSAY (%GC)	> 99
ACID VALUE (mg KOH/g)	-
SOLUBILITY	POORLY SOLUBLE IN WATER
VAPOUR PRESSURE	NOT DETERMINED
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL



CHEMDONE
FROM IDEA TO PRODUCTION

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.

