SPECIFICATION SHEET

VERSION	1,00	VERSION DATE	05/04/22	PRINT DATE	29/04/24

PRODUCT PROPIONALDEHYDE NATURAL EU BESTALLY
APPLICATIONS Industrial raw material not intended for direct use.
IUPAC NAME PROPANAL
SYNONYMS PROPIONALDEHYDE,PROPANAL,PROPIONIC ALDEHYDE,ALDEHYDE C-3

FORMULA C_3H_6O
MOLECULAR WEIGHT 58,08
CAS 123-38-6

EINECS 204-623-0

FEMA 2923
TARIFF NUMBER 2912190000
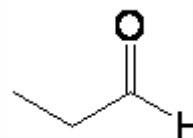
FOOD GRADE CERTIFICATE AVAILABLE ON REQUEST
REACH REGISTRATION NO. Exempt from registration (imported/manufactured < 1 ton/year)

SPECIFICATIONS

ASPECT AT 20ºC	CLEAR MOBILE LIQUID
COLOUR	COLOURLESS
ODOUR	ALCOHOLIC,WINE,COCOA,NUTTY,COGNAC
TASTE	MUSTY,YEAST,NUT,VEGETABLE,POTATO
DENSITY AT 20ºC (g / ml)	0,801 - 0,808
DENSITY 25/25	0,800 - 0,805
REFRACTIVE INDEX nD20	1,3610 - 1,3660
REFRACTIVE INDEX nD25	-
OPTICAL ROTATION (º)	/
BOILING POINT (ºC)	47,6ºC (1003,27 hPa)
MELTING POINT (ºC)	CA. -81ºC
FLASH POINT (ºC)	-30,00
ASSAY (% GC)	> 98
ACID VALUE (mg KOH/g)	< 5
SOLUBILITY	SOLUBILITY IN WATER: 306 g/L (25ºC)
VAPOUR PRESSURE	400,46 hPa (23,6ºC)
OTHER SOLUBILITIES	SOLUBLE IN ETHANOL

OTHER TECHNICAL DATA SENSITIVE TO AIR AND MOISTURE. IT POLYMERIZES EASILY. IT OXIDIZES EASILY WITH OXIGEN OF THE AIR. OPEN THE DRUM CAREFULLY AND SLOWLY.

STABILITY AND STORAGE

KEEP IN TIGHTLY CLOSED CONTAINER IN A COOL AND DRY PLACE, PROTECTED FROM LIGHT. WHEN STORED

FOR MORE THAN 9 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.

KEEP REFRIGERATED 2-8ºC AND HEADSPACE PURGED WITH NITROGEN.