SPECIFICATION SHEET

VERSION	5	**VERSION DATE**	14/09/21	**PRINT DATE**	29/03/24

PRODUCT	ACIDE PYRUVIQUE
APPLICATIONS	Industrial raw material not intended for direct use.
IUPAC NAME	2-OXOPROPANOIC ACID
SYNONYMS	ALPHA KETOPROPIONIC ACID,ACETYLFORMIC ACID,PYRORACEMIC ACID,2-KETOPROPIONIC ACID
FORMULA	$C_3 H_4 O_3$
MOLECULAR WEIGHT	88
CAS	127-17-3
EINECS	204-824-3
FEMA	2970
CoE	19c
FDA	172.515
TARIFF NUMBER	2918300090
KOSHER CERTIFICATE	AVAILABLE ON REQUEST
FOOD GRADE CERTIFICATE	AVAILABLE ON REQUEST

SPECIFICATIONS

ASPECT AT 20°C	CLEAR VISCOUS LIQUID / SOLID
COLOUR	COLORLESS TO AMBER YELLOW
ODOUR	ACIDIC,SHARP,SOUR,CARAMEL
TASTE	PLEASANT SOUR,MILDLY BURNT CARAMEL
DENSITY AT 20°C (g / ml)	1,250–1,285
DENSITY 25/25	1,26–1,281
REFRACTIVE INDEX nD20	1,4240–1,4350
REFRACTIVE INDEX nD25	–
OPTICAL ROTATION (°)	/
BOILING POINT (°C)	164
MELTING POINT (°C)	CA. 13°C
FLASH POINT (°C)	183
ASSAY (% GC)	> 95
SOLUBILITY	MISCIBLE WITH WATER
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 12 MONTHS, QUALITY SHOULD BE CHECKED BEFORE USE.
KEEP REFRIGERATED (2-8°C). PURGE HEADSPACE WITH NITROGEN.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE AND AS SUCH SHOULD BE USED AS A GUIDE. IT IS THE SOLE RESPONSIBILITY OF THE RECEIVER OF OUR PRODUCT TO COMPLY WITH EXISTING REGULATIONS AND INSTRUCTIONS. THIS PRODUCT HAS NOT BEEN FILTERED DUE TO TECHNICAL REASONS. WE RECOMMEND NOT TO USE IT UNLESS FILTERED WHEN USED AS A RAW MATERIAL IN FOOD INTENDED FOR FINAL CONSUMERS.

PRODASYNTH SAS
Capital : 1.100.000 Euros · R.C.S.: GRASSE B 349 236 372 00026 TVA FR 03 349 236 372 APE 2053 Z
PI DES BOIS DE GRASSE 4 AV. JOSEPH HONORÉ ISNARD · 06130 GRASSE · FRANCE · Tel: +33 0493090011 · Fax: +33 0422130738 · e-mail: info@prodasynth.com