



L-PYROGLUTAMIC ACID FOR BIOCHEMISTRY

PRODUCT CODE	R08471	
SYNONYMS	(S)-(-)-2-pyrrolidone-5-carboxylic acid, (5)-5-oxo-2-pyrrolidinecarboxylic acid	
C.I. NO.	--	
CASR NO.	(98-79-3)	
ATOMIC OR MOLECULAR FORMULA	C ₅ H ₇ NO ₃	
ATOMIC OR MOLECULAR WEIGHT	129.11	
PROPERTIES	--	
PARAMETER	LIMIT	
Description	White to off white crystalline powder.	
Solubility	10% aq. Solution is clear.	
Minimum assay	99.0%	
Melting range	155-162°C	
Note(s) : Assay (if applicable) method mentioned.		
WARNING	<p>Hazard statements : May cause respiratory irritation. Causes skin irritation. Causes serious eyeirritation.</p> <p>Precautionary statements</p> <p>Prevention: Avoid breathing dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.</p> <p>Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF</p>	<p>IMDG Code : - -UN No. :-- IATA :--</p>
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.		
Hazard Pictogram(s) :		
<p>GHS07</p>		

Replace Date 1 April 2023