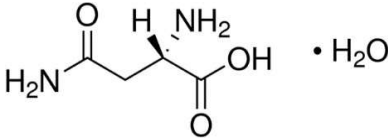






L-ASPARAGINE MONOHYDRATE FOR BIOCHEMISTRY

PRODUCT CODE	R01643	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(5794-13-8)	
ATOMIC OR MOLECULAR FORMULA	$C_4H_8N_2O_3 \cdot H_2O$	
ATOMIC OR MOLECULAR WEIGHT	150.13	
PROPERTIES	Acid to litmus, nearly insoluble in ethanol, methanol, ether and benzene, soluble in acid and alkalies.	
PARAMETER	LIMIT	
Description	A white crystals or crystalline powder.	
Solubility	3% solution in water is clear and colourless.	
Minimum Assay (Non-aqueous)	98.5%	
Specific Rotation (α) _D ²⁰ (C = 1 in 0.1N HCl)	+ 22° to + 24°	
MAXIMUM LIMIT OF IMPURITIES		
Loss on drying (at 130°C)	10 - 12.5%	
Sulphated Ash	0.1%	
Iron (Fe)	0.001%	
Lead (Pb)	0.001%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements Not hazardous. No hazards.		UN No. :
Precautionary statements		IATA :
Prevention: -----		
Response: ---		
Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.		
Hazard Pictogram(s) :-		
 		
<p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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