

Product Information

Revision : 00 Date of Revision: 21.12.2018

L-Asparagine monohydrate (From non-animal source), Cell Culture Tested

TC057

Product Identifier

CAS No.	:	5794-13-8
EC No.	:	200-735-9
Molecular Formula	:	$C_4H_8N_2O_3.H_2O$
Molecular Weight	:	150.13
HS Code	:	2924 19 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	: Colourless to off-white crystals or powder
Solubility	: Clear colorless solution at 1gm in 100ml of water
pH (2% in water at 25°C)	: 4.00 - 6.00
Specific rotation	: $+33.0^{\circ}$ to $+36.5$ (c = 1% in 6N HCl at 20°c on
	dry basis)
Loss on drying (at 105°C, 3 hr)	: 11.50 - 12.50%
Assay (NT)	: 99.00 - 102.00%
Cell Culture Test	: Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	Not available
WGK	:	1

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