

L-Arginine monohydrochloride (From non-animal source) Cell Culture Tested

TC053

Product Identifier

CAS No.	:	1119-34-2
EC No.	:	214-275-1
Molecular Formula	:	$C_6H_{14}N_4O_2.HCl$
Molecular Weight	:	210.66
HS Code	:	2925 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless to white or almost white crystals or powder
Solubility	:	Clear colorless solution at 100 mg in 1 mL of water.
pH (10% in water at 25°C)	:	4.70 - 6.20
FTIR	:	Matches with the standard pattern
Specific rotation	:	+21.00° to +23.50° (c= 8% in HCl R1 at 25°C, dried substance)
Loss on drying (at 105°C, 2hr)	:	<= 0.50%
Assay (NT, on dried basis)	:	98.50 - 101.50%
Cell Culture Test	:	Passes

Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	CF1995500
WGK	:	2