



**SISCO
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Certificate of Analysis

Product	77577 - L-Pyroglutamic Acid extrapure, 99% - [98-79-3]
Batch No	3358909
Analysis Date	30-Mar-2022
Date of Manufacture	March 2022
Expiry Date/Re-Test Date	March 2027
Molecular Formula	C5H7NO3
Molecular Weight	129.12

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Assay	min. 99%	99.2%
Melting Point	155 - 158°C	157°C
Specific rotation [α]	-10° to -11° (C=10, Water)	-10°
Homogeneity by TLC	Passes test	Passes

FRM/82/11/4/77577 Rev No. 1 Date 01/11/2015

Prepared by Amruta

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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