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## Certificate of Analysis

<b>Product</b>	<b>61346 - Acrylamide 3x cryst. for molecular biology, 99.9% - [79-06-1]</b>
<b>Batch No</b>	<b>7508086</b>
<b>Analysis Date</b>	12-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	C3H5NO
<b>Molecular Weight</b>	71.08

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 60% aq. solution	Clear	Clear
Solubility (Colour) 60% aq. solution	Colourless	Colourless
Assay (GC)	min. 99.9%	99.9%
Melting Point	84 - 86°C	85.7°C
pH (5% aq. solution)	min. 5.0	5.6
Absorbance (A) of 1% aq. solution in a 1cm cell v/s H2O	.	
@290nm	max. 0.1	0.100
Acidity (Acrylic acid)	max. 0.001%	0.0007%
Specific conductance (25°C)	max. 10µ mho/cm (35% aq. solution)	8.2µ mho/cm
DNase, RNase, Protease	Not detected	Not detected

FRM/82/11/4/61346 Rev No. 2 Date 26/03/2023

Prepared by Prasad

In compliance with the standard specifications of SRL

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

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