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# Certificate of Analysis

<b>Product</b>	<b>98803 - Glycofurol extrapure, 99% - [31692-85-0]</b>
<b>Batch No</b>	<b>7796945</b>
<b>Analysis Date</b>	18-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 2029
<b>Molecular Formula</b>	(C <sub>2</sub> H <sub>4</sub> O) <sub>n</sub> C <sub>5</sub> H <sub>10</sub> O <sub>2</sub>
<b>Molecular Weight</b>	190-210

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Assay (GC)	min. 99%	99.85%
GC composition		.
THFA	max. 3.0%	1.77%
N1	20-35%	28.44%
N2	25-40%	36.74%
N3	20-30%	23.94%
N4	4-15%	7.85%
N5+N6	max. 4.0%	1.11%
Density (g/ml) @ 20°C	1.08-1.09	1.08
Refractive Index (20°C)	1.458-1.459	1.459
pH (10% aq. solution)	4.5-6.5	5.80
Chloride (Cl)	max. 0.001%	Passes
Sulphate (SO <sub>4</sub> )	max. 0.001%	Passes
Iron (Fe)	max. 0.001%	Passes
Water (KF)	max. 0.5%	0.08%

FRM/82/11/2/98803 Rev No. 2 Date 29/10/2022

Prepared by **Rganesh**

In compliance with the standard specifications of SRL

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