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## Certificate of Analysis

<b>Product</b>	<b>12903 - Carbinol Dried extrapure AR, 99.8% - [67-56-1]</b>
<b>Batch No</b>	<b>1031039</b>
<b>Analysis Date</b>	19-Jun-2024
<b>Date of Manufacture</b>	June 2024
<b>Expiry Date/Re-Test Date</b>	June 2029
<b>Molecular Formula</b>	CH4O
<b>Molecular Weight</b>	32.04

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max.10	Passes
Assay (GC)	min. 99.8%	99.96%
Density (g/ml) @ 20°C	0.790-0.792	0.790
Refractive Index (20°C)	1.328-1.329	1.329
Boiling Range	64-65°C	64-65°C
Non Volatile Matter	max. 0.001%	0.0001%
Acidity (CH <sub>3</sub> COOH)	max. 0.002%	0.0006%
Substance Discoloured by H <sub>2</sub> SO <sub>4</sub>	Passes test	Passes
Substances reducing Permanganate (O)	max. 0.00025%	Passes
Aldehyde & Ketones (C <sub>3</sub> H <sub>6</sub> O)	max. 0.005%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Water (KF)	max. 0.02%	0.01%

FRM/82/11/2/12903 Rev No. 1 Date 03/10/2018

Prepared by **Sujit**

In compliance with the standard specifications of SRL

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