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# Certificate of Analysis

<b>Product</b>	<b>82911 - Carbinol extrapure AR, 99.8% - [67-56-1]</b>
<b>Batch No</b>	<b>1378788</b>
<b>Analysis Date</b>	24-Apr-2024
<b>Date of Manufacture</b>	April 2024
<b>Expiry Date/Re-Test Date</b>	April 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%	99.93%
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 (CH3COOH)	max. 0.002%	0.0006%
Substance Discoloured by H2SO4	Passes test	Passes
Substances reducing Permanganate (O)	max. 0.00025%	Passes
Aldehyde & Ketones (C3H6O)	max. 0.005%	Passes
Iron (Fe)	max. 0.00001%	Passes
Heavy Metals (Pb)	max. 0.00002%	Passes
Miscibility with water (1:3)	Clear & colourless liquid	Clear & colourless liquid
Water (KF)	max. 0.05%	0.04%

FRM/82/11/2/82911 Rev No. 2 Date 14/02/2016

Prepared by Udit

In compliance with the standard specifications of SRL

Plant Site 1 : D-88/2, MIDC, Turbhe – 400 705, New Mumbai, India

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