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# Certificate of Analysis

<b>Product</b>	<b>22506 - Acetophenone extrapure AR, 99.5% - [98-86-2]</b>
<b>Batch No</b>	<b>8706293</b>
<b>Analysis Date</b>	26-Feb-2024
<b>Date of Manufacture</b>	February 2024
<b>Expiry Date/Re-Test Date</b>	February 2029
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>8</sub> O
<b>Molecular Weight</b>	120.15

Test Parameters	Standards	Actual Results
Appearance (Clarity)	Clear	Clear
Appearance (Colour)	Colourless	Colourless
Appearance (Form)	Liquid	Liquid
Colour (APHA)	max. 15	Passes
Assay (GC)	min. 99.5%	99.87%
Density (g/ml) @ 20°C	1.025 - 1.027	1.025
Refractive Index (20°C)	1.533 - 1.534	1.533
Boiling Range	202 - 203°C	Passes
Melting Point	19 - 20°C	19°C
Non Volatile Matter	max. 0.01%	0.0005%
Acidity (C <sub>6</sub> H <sub>5</sub> COOH)	max. 0.02%	0.005%
Iron (Fe)	max. 0.00005%	Passes
Heavy Metals (Pb)	max. 0.00001%	Passes
Water (KF)	max. 0.3%	0.1%

FRM/82/11/2/22506 Rev No. 1 Date 01/11/2015

Prepared by Sanket

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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