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## Certificate of Analysis

<b>Product</b>	<b>15088 - 5-Fluorouracil (5-FU) extrapure, 99% - [51-21-8]</b>
<b>Batch No</b>	<b>6144569</b>
<b>Analysis Date</b>	22-Jan-2023
<b>Date of Manufacture</b>	January 2023
<b>Expiry Date/Re-Test Date</b>	January 2028
<b>Molecular Formula</b>	C <sub>4</sub> H <sub>3</sub> FN <sub>2</sub> O <sub>2</sub>
<b>Molecular Weight</b>	130.08

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off white	Off white
Appearance (Form)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 1% aq. solution	Clear	Clear
Solubility (Colour) 1% aq. solution	Colourless	Colourless
Assay (UV)	min. 99%	99.7%
Melting Point	280 - 282°C	282°C
Sulphated Ash	max. 0.1%	0.04%
Spectral Ratio (A250nm/A260nm)	0.65 - 0.69	0.67
Spectral Ratio (A280nm/A260nm)	0.65 - 0.69	0.65
Spectral Ratio (A290nm/A260nm)	0.18 - 0.22	0.20

FRM/82/11/4/15088 Rev No. 3 Date 22/01/2023

Prepared by Komal

In compliance with the standard specifications of SRL

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

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