



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

**CAT. No.: 09-1368**

<u>Product Name:</u>	<b>5-FLUOROURACIL</b>
<u>CAS Number:</u>	[51-21-8]
<u>Lot Number:</u>	20010507
<u>Molecular Formula:</u>	C <sub>4</sub> H <sub>3</sub> FN <sub>2</sub> O <sub>2</sub>
<u>Molecular Weight:</u>	130.08
<u>Melting Point:</u>	280-282°C
<u>Appearance:</u>	White practically odorless crystalline powder
<u>Characteristics:</u>	(1) Ultraviolet Spectrum λ <sub>max</sub> : 264-267nm, λ <sub>max</sub> 230-233nm (2) Infrared spectrum the same intensity of absorption at the same wave numbers (3) Double bond of uracil a purple precipitate is formed.
<u>Acidity PH:</u>	4.7
<u>Loss on drying:</u>	0.12%
<u>Sulphated Ash:</u>	0.03%
<u>Assay:</u>	99.6%