



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

Cat No.: 12-600

<u>Product:</u>	1,5,5-TRIMETHYLHYDANTOIN
<u>CAS No.:</u>	[6851-81-6]
<u>Lot Number:</u>	2132
<u>Molecular Formula:</u>	C ₆ H ₁₀ N ₂ O ₂
<u>Molecular Weight:</u>	142.16
<u>Melting Point:</u>	161-163°C
<u>Appearance:</u>	White crystalline solid
<u>Solubility:</u>	2% in Chloroform is clear, colorless 2% in water is clear, colorless

Assay/Purity :

Thin layer chromatography using Whatman MK6F plates.

Loading:	1µl of 5% solution in Chloroform
Eluant:	Toluene/Ethyl acetate/Formic acid 5:4:1
Visualisation:	Weak UV absorption @ 254 nm
Result:	Single spot, similar to standard