



CERTIFICATE OF ANALYSIS

Anthrone AR

Batch	: A211125
Date	: 21/11/2025
Retest	: 3 Years
CAS	: 90-44-8
Formula	: $C_{14}H_{10}O$
MW	: 194.23
Appearance	: Pale yellow crystalline powder
Assay	: 97.5% (min 97%)
Sensitivity for carbohydrates	: Passes test
Melting range	: Max 5°C range, including 156°C
Solubility in Ethyl acetate	: Passes test
UV Absorbance of reagent solution	: Passes test
Loss on drying	: NMT 0.5%
Iron (Fe)	: max 0.001%
Water (KF)	: max 0.5%

CHEMSWORTH, 401, Accord Classic, Aarey Road, Near Railway Station, Next to Anupam (Miraj) Theatre, Goregaon (East) Mumbai – 400063, India
Tel.: +91-22-46176451, 46176452, 4617643, 40153328.

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