

Chem-Impex International, Inc.

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Certificate of Analysis

| | |
|--------------------------|-----------------------------------|
| Catalogue Number | 30175 |
| Product | Anthrone |
| Lot Number | 002126-0611-19 |
| | 9,10-Dihydro-9-ketoanthracene |
| CAS Number | 90-44-8 |
| Molecular Formula | C ₁₄ H ₁₀ O |
| Molecular Weight | 194.23 |

| | |
|-----------------------|--|
| Appearance | Pale yellow crystalline powder |
| Solubility | Solubility 2 % in Ethyl acetate Clear solution 10% solution in methylene di chloride - clear solution |
| Melting Point | 158 °C |
| Sensitivity | Sensitivity to carbohydrates should passes test |
| UV Ratios | Absorbance at 425 nm : < 0.75 Absorbance at 620 nm : < 0.045 |
| Loss on Drying | 0.22% |
| Purity by HPLC | 98.76% (on dried basis) |
| Purity by TLC | Single spot |
| Grade | ACS reagent |
| Storage | Store at 0 - 8 °C |
| Remarks | See material safety data sheet for additional information For laboratory use only |

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager