

质量报告单  
CERTIFICATE OF ANALYSIS

|                     |                     |                 |            |
|---------------------|---------------------|-----------------|------------|
| 品名<br>Product Name  | 奥克立林<br>Octocrylene |                 |            |
| 生产日期<br>Mfg Date    | 2025.01.04          | CAS             | 6197-30-4  |
| 报告日期<br>Report Date | 2025.01.05          | 有效期<br>Exp Date | 2027.01.03 |
| 规格<br>Specification | USP                 | 数量<br>Quantity  | 8000kg     |

|                              |                                                                                                                     |                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------|---------------------|
| 检测项目 Test Item               | 检测指标<br>Test Specification                                                                                          | 检测结果<br>Test Result |
| 外观<br>Appearance             | 黄色透明粘性液体<br>Clear yellow viscous liquid                                                                             | 符合<br>Conform       |
| 鉴别 A<br>Identification A     | UV 197U Absorptivities at 303nm do not differ by more than 3.0%                                                     | 符合<br>Conform       |
| 鉴别 B<br>Identification B     | 与标准品保留时间一致<br>The retention time of major peak of the sample solution corresponds to that of the standard solution. | 符合<br>Conform       |
| 酸度<br>Acidity(0.1mol/L NaOH) | ≤0.18ml/g                                                                                                           | 0.05ml/g            |
| 单个杂质<br>Individual impurity  | ≤0.5%                                                                                                               | 0.11%               |
| 总杂<br>Total impurities       | ≤2.0%                                                                                                               | 0.35%               |
| 相对密度<br>Relative density     | 1.045-1.055                                                                                                         | 1.048               |
| 折射率<br>Refractive Index      | 1.561-1.571                                                                                                         | 1.568               |
| 异辛醇<br>2-Ethylhexanol        | ≤500ppm                                                                                                             | 83ppm               |
| 二苯甲酮<br>Benzophenone         | ≤200ppm                                                                                                             | 134ppm              |
| 含量<br>Assay                  | 95.0%-105.0%                                                                                                        | 99.95%              |
| 结论<br>Conclusion             | 符合当前 USP 标准<br>Conform to current USP standard                                                                      |                     |

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