**Supplementary Material**

**Physical and Chemical Compatibility of Etomidate and Propofol Injectable Emulsions**

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Short Title: The compatibility of Etomidate and Propofol

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The assay acceptance targets and validation results for HPLC method are shown in Table S[1](https://journal.pda.org/content/74/1/2.long#T1).

Table S1 Validation results for HPLC method

|  |  |  |
| --- | --- | --- |
| Analytical Procedure Characteristics | Validation Target | Validation Result |
| Linearity in the range:Etomidate: 10-40 ng/mLPropofol: 45-198 ng/mL | The coefficient of determination (R2) must be ≥0.98  | R2: 0.9995R2: 0.9995 |
| Repeatability | The overall RSD of recovery must be ≦ 2.0% (N=6) | Etomidate: 1.76%Propofol: 1.62% |
| Intermediate Precision | The overall RSD must be ≦ 2.0% (N=6) | Etomidate: 1.25%Propofol: 1.24% |
| Robustness | The overall RSD must be ≦ 2.0% (N=6) | Etomidate: 0.46%Propofol: 0.74% |