



Certificate of analysis

Product name: 1,3-Diacetylbenzene

Cas number: 6781-42-6

Molecular Formula: C₁₀H₁₀O₂

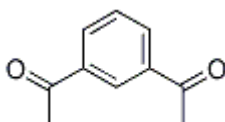
Molecular Weight: 162.18

Date of production: Nov.22,2017

Batch NO:20171122

Exp Date: Nov.21,2019

Chemical structure:



| Items | Specifications | Results |
|-------------------------|---|---------------|
| Characteristic | White solid powder | Conforms |
| Refractive index | 1.5485-1.5505 | Conforms |
| Melting Point | 28°C~32°C | 28.2°C~31.6°C |
| Identification By MS | The MS spectra of standard and sample is concordant. | Conforms |
| Identification By H NMR | The H NMR spectra of standard and sample is concordant. | Conforms |
| Clarify and color | Be Conform | Conforms |
| Water | Not more than 0.5 percent | Conforms |
| Assay(HPLC) | 97.0%~102.0(on anhydrous basis) | 99.5% |

Conclusion: It complies with the Enterprise Standard.

Analyst: Zhao

Checker: Liu

Q.C Director. Fang F

