



## CERTIFICATE OF ANALYSIS

|                                  |  |                 |            |
|----------------------------------|--|-----------------|------------|
| Product Name:                    | [2.2]Paracyclophane  | CAS 1633-22-3   |            |
| Parameters                       |  | Specification   | Result     |
| Description                      |  | Colorless clear | Complies   |
| Identity -HPLC                   |  | Clear           | Complies   |
| NMR                              |  | Coincident      | Coincident |
| Color (10% w/w aqueous solution) |  | ≤ 50            | Complies   |
| Assay                            |  | ≥ 99.0%         | 99.24%     |
|                                  | Metal content<br>< 20 ppm  |                 | Complies   |
| Conclusion                       | Conform with <b>in-house specification</b>                       |                 |            |
| Storage                          | Store in cool & dry place, Keep away from strong light and heat. |                 |            |
| Shelf life                       | 2 years when properly stored                                     |                 |            |

Quality Assurance Officer    Corrector    Analyst

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