

## Certificate of Analysis

Date of Testing: 2025-07-31 10:50:10  
 Date of Next Testing: 2029-07-30 10:50:10  
 Product Name: **trans,trans-1,4-Distyrylbenzene**  
 CAS Number: 1608-41-9  
 Specifications & Purity:  $\geq 98\%$ (HPLC)  
 Lot #: J2116605  
 SKU #: **T162456**  
 Version: **0**  
 Analysis #: **547092**

| Parameter                 | Limit Values             | Result                   |
|---------------------------|--------------------------|--------------------------|
| Melting point             | 257-267 (°C)             | 262.57000 °C             |
| Purity(HPLC)              | 98-100 (%)               | 99.91300 %               |
| Appearance (T162456Color) | White to Yellow to Green | White to Yellow to Green |
| Appearance (T162456Form)  | Powder to crystal        | Powder to crystal        |
| Proton NMR spectrum       | Conforms to Structure    | Conforms to Structure    |



John Su  
QA & QC Manager