

## Certificate of Analysis

Date of Testing: 2023-06-16 18:53:15

Date of Next Testing: 2027-06-15 18:53:15

Product Name: **4,7-Bis(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-2,1,3-benzothiadiazole**

CAS Number: 934365-16-9

Specifications & Purity:  $\geq 95\%$

Lot #: F23051285

SKU #: **B152841**

Version **0**

Analysis #: **098524**

| Parameter            | Limit Values                                     | Result                                           |
|----------------------|--------------------------------------------------|--------------------------------------------------|
| Purity(HPLC)         | 95-100 (%)                                       | 98.45200 %                                       |
| Melting point        | 207-216 (°C)                                     | 214.06000 °C                                     |
| Appearance (B152841) | white to yellow to orange to red to beige powder | white to yellow to orange to red to beige powder |
| Proton NMR spectrum  | Conforms to Structure                            | Conforms to Structure                            |



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