

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-07-26 17:04:44

Date of Next Testing: 2024-07-15 17:04:44

Product Name:  **$\alpha,\alpha'$ -Dibromo-o-xylene**

CAS Number: 91-13-4

Specifications & Purity:  $\geq 97\%$

Lot #: G2222624

SKU #: D122697

Version: 1

Analysis #: 095704

Storage Temperature: Room temperature, Argon charged

| Parameter                                        | Limit Values                                                      | Result                                                            |
|--------------------------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------|
| Purity(GC)                                       | 97-100 (%)                                                        | 98.48900 %                                                        |
| Melting point                                    | 89-99 (°C)                                                        | 96.35000 °C                                                       |
| Purity(O2 AgNO3 titration with after combustion) | 96.5-103.5 (%)                                                    | 100.50000 %                                                       |
| Appearance (D122697)                             | White to yellow to brown crystals or powder or crystalline powder | White to yellow to brown crystals or powder or crystalline powder |
| Proton NMR spectrum                              | Conforms to structure                                             | Conforms to Structure                                             |



John Su  
QA & QC Manager