

Certificate of Analysis

Date of Testing: 2023-06-05 17:06:03

Date of Next Testing: 2027-06-04 17:06:03

Product Name: **2,2'-Benzidinedisulfonic Acid (contains 30% Water at maximum)**

CAS Number: 117-61-3

Specifications & Purity: $\geq 70\%$ (T)

Lot #: E2330024

SKU #: **B152530**

Version **0**

Analysis #: **061525**

Parameter	Limit Values	Result
Water by Karl Fischer	0-30 (%)	17.08 %
Purity(Neutralization titration)	70-100 (%)	82.81 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager