

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-28 14:21:31

Date of Next Testing: 2029-06-27 14:21:31

Product Name: **N,N',N''-Tris(p-toluenesulfonyl)diethylenetriamine**

CAS Number: 56187-04-3

Specifications & Purity: $\geq 95\%$

Lot #: F2526667

SKU #: **N758044**

Version: **1**

Analysis #: **535357**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	96.14400 %
Melting point	173-180 (°C)	174.23000 °C
Appearance(N758044)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager