

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-07-17 19:08:15

Date of Next Testing: 2029-07-16 19:08:15

Product Name: **2-Pyrrolidone-5-carboxylic acid, sodium salt**

CAS Number: 54571-67-4

Specifications & Purity: 50 wt.% solution in water

Lot #: G2516555

SKU #: **S300331**

Version: **2**

Analysis #: **537509**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)	47.5-52.5 (%)	49.32000 %
Water by Karl Fischer	47.5 -52.5 (%)	52.49000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager