

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-06-12 11:00:01

Date of Next Testing: 2028-06-11 11:00:01

Product Name: **Vonoprazan Fumarate (TAK-438)**

CAS Number: 1260141-27-2

Specifications & Purity: $\geq 98\%$

Lot #: K22301088

SKU #: **T125625**

Version: **0**

Analysis #: **720343**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.88100 %
Appearance (T125625)	White to off-white solid	White to off-white solid
NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager