

Certificate of Analysis

Date of Testing: 2024-05-14 11:43:15

Date of Next Testing: 2027-05-14 11:43:15

Product Name: **Sapropterin dihydrochloride**

CAS Number: 69056-38-8

Specifications & Purity: $\geq 98\%$

Lot #: E2408019

SKU #: **S304404**

Version: **1**

Analysis #: **157731**

Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.94700 %
Specific rotation $[\alpha]_{20/D}(C=9.00 - 11.00 \text{ mg/ml in } 0.1\text{N HCl})$	-7.6~-6.6 ($^{\circ}$)	-6.72000 $^{\circ}$
Appearance(S304404)	White to Yellow Powder	White to Yellow Powder
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager