

Certificate of Analysis

Date of Testing: 2023-06-30 16:54:52

Date of Next Testing: 2027-06-29 16:54:52

Product Name: **Carbazole Potassium Salt**

CAS Number: 6033-87-0

Specifications & Purity: $\geq 90\%$

Lot #: F2316448

SKU #: **C153630**

Analysis: **226699**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	90-100 (%)	90.30 %
Water by Karl Fischer	0-7 (%)	3.90 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
ICP:Confirms Potassium Component	Confirmed	Confirmed
Appearance(C153630)	White to Gray to Brown powder to crystal	White to Gray to Brown powder to crystal



John Su
QA & QC Manager