



Beijing Sjar Technology Development Co.,Ltd.

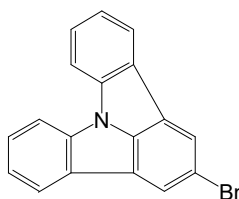
Add: Floor 8, Building 1, No.35, Jinghai Four Road, Economic And Technological Development Zone, Beijing.

Tel: 86-10-87925929 Fax: 86-10-87925199 E-mail: sales@sjar-tech.com

Certificate of Analysis

Product Name: 2-Bromoindolo[3,2,1-JK]carbazole

CAS No.: 1174032-81-5



Batch No.	Sjar190922	Quantity	125gs
Mfg. Date	Sep. 22, 2019	Package	As required
Rep. Date	Sep. 24, 2019	Exp. Date	Sep. 21, 2021
Items	Standards		Results
Appearance	Off-white to white solid powder		Complies
Identification	By HPLC: The retention time of test sample major peak complies to reference standard		Complies
	By HNMR: The chemical shift values of test sample major peak complies to reference standard		Complies
Related Substabces	Any Single Impurity: No more than 1.50%		Complies
	Total Impurities: No more than 2.00%		1.69%
Purity	No less than 98.00%		98.31%
Reference Standard	In-house Standard		
Conclusion	The product complied to In-house standard.		
Storage	Preserve in tight,light-resistant containers in a cool place		

Analyst: Zhang Weirong

Checker: Zhao Honglu