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CERTIFICATE OF ANALYSIS

Batch No.: PBRCTN210701A

kg/Batch Size: kg

Date: 2023/11/13

BRCTN	巴瑞替尼 Baricitinib	
CAS No.	1187594-09-7	
分子式(Molecular Formula)	C ₁₆ H ₁₇ N ₇ O ₂ S	
分子量(Molecular Weight)	371.42	
生产日期(Manufacture Date)	2021年07月19日 Jul. 19, 2021	
项目(Items)	规格(Specifications)	检测结果(Results)
1.物性(Characters)		
外观(Appearance)	白色至类白色固体 White to off-white solid	白色固体 White solid
2.鉴别(Identifications)		
IR 鉴别(Identification by IR)	与对照品图谱一致 Correspond with the reference standard spectrum	符合 Correspond
RT 鉴别(Identification by RT)	主峰保留时间与对照品一致 The retention time of main peak correspond with the reference standard	符合 Correspond
3.检测(Tests)		
水分(Water)	≤0.5%	0.07%
炽灼残渣(Residual on Ignition)	≤0.1%	0.03%
钯(Palladium)	≤10ppm	ND
有关物质(Related Substances)		
WI-1221	≤0.15%	ND
WI-1224	≤0.15%	ND
WI-1225	≤0.15%	ND
WI-1768	≤0.15%	0.06%
其他单个杂质 (Other single impurity)	≤0.10%	0.04%
总杂质(Total impurities)	≤1.0%	0.12%
溶剂残留(Residual Solvents)		
二氯甲烷(Dichloromethane)	≤600ppm	37ppm
乙腈(Acetonitrile)	≤410ppm	ND
甲醇(Methanol)	≤3000ppm	<LOD(LOD:30ppm) (Testing result: 23ppm)
4.含量(Assay)		
含量(Assay)	98.0%~102.0% (on the anhydrous basis)	99.9%
结论(Conclusion)	合格(Test results conform to the specifications)	

