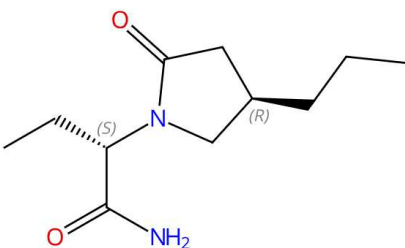


SPECIFICATION SHEET

Product Name	Brivaracetam	Molecular Structure
CAS No.	357336-20-0	
Molecular Formula	C ₁₁ H ₂₀ N ₂ O ₂	
Molecular Weight	212.29	
Product Specification	97%~102%	
Country of Origin	China	

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	White or almost white powder.	Visual
Identification	Consistent with the reference standard	IR
	In the chromatogram recorded under the stereoisomeric purity item, the retention time of the main peak of the test solution should be consistent with the retention time of the Brivaracetam chromatographic peak in the reference solution a	HPLC
Stereoisomeric purity	Impurity A ≤ 2.5%	HPLC
	Impurity B ≤ 0.15%	
	Impurity C ≤ 0.15%	
Related substances	Any individual impurity ≤ 0.1%	HPLC
	Total impurities ≤ 0.3%	
Residual solvent	Complies with ICH Q3C limits	GC
Moisture	≤ 0.5%	KF
Residue on ignition	≤ 0.1%	USP<281>
Assay		
Brivaracetam (anhydrous substance))	97.0%~102.0%	HPLC
Microbiological		



Aktin Chemicals, Inc.

No.88 Keyuan South Road, High-tech Zone, Chengdu
610041 P.R.China

Tel: 86-28-85159085 Fax: 86-28-85159085 Ex 604

Website: www.aktin.com Email: info@aktin.com

ITEMS	SPECIFICATIONS	METHODS
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>
Escherichia coli	Not detected	USP<2022>

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool and dry place, avoid strong light and high temperature
Stability	24 months when properly stored.
Packaging	1kg/bag, 5kg/bag, 10kg/bag