

Certificate of analysis

Trazodone Hcl

CAS No.	25332-39-2	Code	BIOJTRZ001
Batch No	20231101	Manufacture Date	Nov.20, 2023
Expiry Date	Nov.20, 2026	Quantity	20Kg

Testing Items	Specifications	Results
Appearance	White to off-white crystalline powder	Complies
Solubility	Sparingly soluble in water and chloroform	Complies
Melting point	231 °C ~234 °C	Complies
Identification	IR Absorption HPLC	Complies Complies
Loss on drying	≤0.5%	0.08%
Residue on ignition	≤0.2%	0.05%
Organic impurities	Triazolopyridinone ≤0.10%	Not detected
	Trazodone N-oxide ≤0.1%	Not detected
	Deschlorotrazodone ≤0.1%	0.01%
	Trazodone related compound C ≤0.1%	0.01%
	Trazodone related compound D ≤0.1%	0.01%
	4-Ethyl trazodone ≤0.1%	Not detected
	Trazodone isobutyl ether analog ≤0.1%	Not detected
	Bispiperazine analog ≤0.1%	Not detected
	Any individual unspecified impurity ≤0.10%	0.011%
	Total impurities ≤1.0%	0.04%
Limit of Trazodone related compound F	≤2.5 µg/g	Complies
Limit of Cyclophosphamide related compound A	≤2.5 µg/g	Complies
Residual solvents	Ethanol ≤5000ppm	1600ppm
Assay	98.0%~102.0% (Calculated on the dried basis)	99.54%
Conclusion	This product conforms to USP41 standard	

***Storage condition: Store below 25 °C, Protect from moisture and light.**