

SHANDONG OCTAGON CHEMICALS LIMITED

CERTIFICATE OF ANALYSIS

Product	Trazodone hydrochloride (Cas 25332-39-2)		
Batch No.	20220302	Mfg. date	2022.03.03
Rep. Date	2022.03.10	Exp. date	2025.03.03
Test Items	Standards: USP41		Results
Characters	White to off-white crystalline powder		Conforms
Solubility	Sparingly soluble in water and chloroform		Conforms
Melting range	231~234°C		Conforms
Identification	IR		Conforms
	HPLC		Conforms
Loss of drying	NMT0.5%		0.11%
Residue Ethanol	NMT5000ppm		1420ppm
Residue on ignition	NMT0.2%		0.06%
Organic impurities	Triazolopyridinone: NMT.1%		ND
	Trazodone N-oxide: NMT0.1%		ND
	Deschlorotrazodone: NMT0.1%		ND
	Trazodone related compound C: NMT0.1%		ND
	Trazodone related compound D: NMT0.1%		ND
	4-Ethyl trazodone: NMT0.1%		ND
	Trazodone isobutyl ether analog: NMT0.1%		ND
	Bispiperazine analog: NMT0.1%		ND
	Any individual unspecified impurity: NMT0.10%		0.006%
Total impurities: NMT1.0%		0.02%	
Assay(anhydrous basis)	98.0%-102.0%		99.81%
Conclusion	It meets the requirement of current USP41 standards		
Prepared by: LI	Reviewed by: WEI	Released by: Zhang	