CERTIFICATE OF ANALYSIS

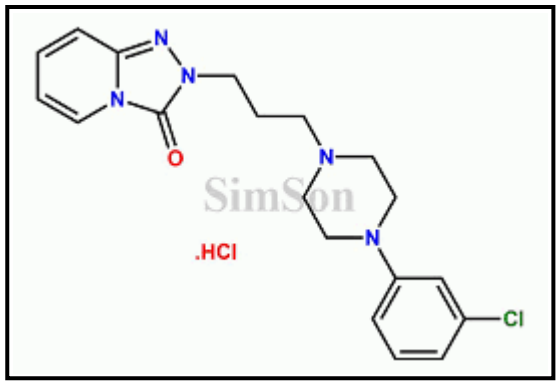
(Certificate No.: SPC260417 - 012 / V.03)

ISO 17034:2016 17025:2017 ACCAB

SimSon Pharma Limited
Reference Standards | Research Chemicals | Research Service

Analysis Date : 08/04/2026 **Re-test Date:** 07/04/2029

Product Name	**: TRAZODONE HYDROCHLORIDE (TRACEABLE TO EP)**
Chemical Name	: 2-(3-(4-(3-Chlorophenyl)piperazin-1-yl)propyl)-[1,2,4]triazolo[4,3-a]pyridin-3(2H)-one hydrochloride
Synonyms	: 1,2,4-Triazolo[4,3-a]pyridin-3(2H)-one, 2-[3-[4-(3-chlorophenyl)-1-piperazinyl]propyl]-, hydrochloride (1:1);s-Triazolo[4,3-a]pyridin-3(2H)-one, 2-[3-[4-(m-chlorophenyl)-1-piperazinyl]propyl]-, monohydrochloride
CAT No.	: T110000
Batch Number	: SP-0226-036
CAS No.	: 25332-39-2
Traceability No.	: EPCRS Cat No.Y0002269 Batch No. 1.1
Molecular Formula	: $C_{19}H_{22}ClN_5O.HCl$
Molecular Weight	: 408.33 g/mol;371.86g/mol(As base)
Long term Storage Condition	: Store at 2°C to 8°C
Shipping Condition	: Ambient



ANALYTICAL INFORMATION:

Sr No	TESTS	SPECIFICATION	RESULTS
1	**DESCRIPTION**	White or almost white, crystalline powder	White crystalline powder
2	**SOLUBILITY**	Soluble in water, sparingly soluble in ethanol (96 per cent), slightly soluble in methylene chloride.	Complies
3	**pH**	3.9 to 4.5	4.2
4	**Chloride (Cl)**	White precipitate present	Complies
5	**IDENTIFICATION** 1. 1H-NMR 2. MASS 3. IR	 Should confirm the structure Should confirm the structure Should concordant with EPRS	 Conforms Conforms Complies
6	**PURITY (By HPLC)**	More than 99.0%	99.90%
7	**RELATED SUBSTANCE** 1. Unspecified Impurity 2. Total Impurity	 Maximum 0.10 % Maximum 0.30 %	 0.09 % 0.13 %
8	**WATER CONTENT(By KF)**	Not more than 0.5% w/w	0.36% w/w
9	**SULPHATED ASH**	Not more than 0.1% w/w	0.04% w/w
10	**ASSAY (On as is basis)**	More than 99.0 %	99.46%
11	**ASSAY (On anhydrous basis)**	98.0 % to 102.0 % w/w	99.82% w/w

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Not for Human or Animal Consumption. Only for Analytical Testing Purpose





Prepared By :	**Soumya Thatipamula**	**Approved By :**	**Pandharinath Varpe**
(Sign & Date)	**17/04/2026**	**(Sign & Date)**	**17/04/2026**

Quality Accreditations: ISO 9001:2015, ISO 17034:2016, ISO/IEC 17025:2017, GLP Certified, DSIR

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