

Certificate of Analysis

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Product Name: Lurasidone hydrochloride

 Cat. No.
 : PC-21084

 CAS No.
 : 367514-88-3

 Batch No.
 : PC-2108401

Chemical Name : (3aR,4S,7R,7aS)-2-(((1R,2R)-2-((4-(benzo[d]isothiazol-3-yl)piperazin-1-

yl)methyl)cyclohexyl)methyl)hexahydro-1H-4,7-methanoisoindole-1,3(2H)-dione

hydrochloride

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Weight : 529.14

 $\textbf{Molecular Formula} \qquad \qquad \textbf{:} \quad \mathsf{C}_{28}\mathsf{H}_{37}\mathsf{CIN}_4\mathsf{O}_2\mathsf{S}$

Storage : Powder -20°C 12 Months

4°C 6 Months

In solvent -80°C 6 Months

-20°C 1 Month

Chemical Structure

H H O N H-CI

ANALYTICAL DATA

Appearance : Solid powder

1 H NMR Spectrum : Consistent with
HPLC : Consistent with
NP : Consistent with

Purity (HPLC and/or LCMS) : >98%

Conclusion : The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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