

Certificate of Analysis

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Product Name : Trifluoperazine dihydrochloride

Cat. No. : PC-46699 **CAS No.** : 440-17-5 **Batch No.** : PC-4669901

Chemical Name : 10H-Phenothiazine, 10-[3-(4-methyl-1-piperazinyl)propyl]-2-(trifluoromethyl)-, hydrochloride

(1:2)

PHYSICAL AND CHEMICAL PROPERTIES

 $\begin{tabular}{ll} \textbf{Molecular Weight} & : & 480.4174 \\ \begin{tabular}{ll} \textbf{Molecular Formula} & : & $C_{21}H_{26}CI_2F_3N_3S$ \\ \end{tabular}$

Storage : Powder -20°C 3 years

4°C 2 years

In solvent -80°C 6 months

-20°C 1 month

Chemical Structure

N N F F F F

HCI

HCI

ANALYTICAL DATA

Appearance:Solid powder¹H NMR Spectrum:Consistent withHPLC:Consistent withNP:Consistent with

Purity (HPLC) : >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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