



Certificate of Analysis

ASEAN Reference Substance (ARS)

Issued by ASEAN Reference Substances Working Group (ARSWG)

Coordinating Country

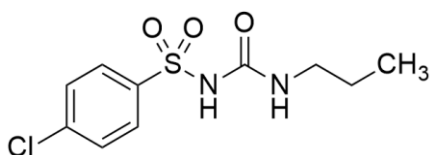
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Coordinator of the Project

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CHLORPROPAMIDE

Control No. S 123163



CAS No. : 94-20-2

Molecular Formula : C₁₀H₁₃ClN₂O₃S

Molecular Weight : 276.74

Description	: A White, crystalline powder
Identification	
Infrared absorption	: Concordant with the reference spectrum of Chlorpropamide USPRS
Melting range	: Between 126 °C and 129 °C
Loss on drying	: 0.07%
Assay	: 99.16% of C ₁₀ H ₁₃ ClN ₂ O ₃ S, calculated on the dried basis, determined by HPLC method, compared with USPRS
Intended use	: For HPLC, chemical assay and identification
Direction for use	: Dry in vacuum at 60 °C for 2 hours before use
Storage	: Keep container tightly closed and protected from light, preferably at the temperature 2-8 °C

Date of Adoption : 28 December 2023

Next Retest Date : 28 December 2026