



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-491228
Lot Number: SAMPLE
Product Name: 3-Hydroxyphenazepam
CAS Number: 70030-11-4
Molecular Formula: $C_{15}H_{10}BrClN_2O_2$
Molecular Weight: 365.61

Test	Specification	Result
Appearance	White or off-white solid	White solid
Identification (1H-NMR)		Complies
Identification (GC/MS)		Complies
Identification (LCMS)	365.0 ± 0.5 amu	365.0 amu
Identification (Mass Spectrometry - ESI)		Complies
Purity (HPLC-UV)	$\geq 98.00\%$	$99.62 \pm 0.18\%$
Residue on Ignition	$\leq 3.00\%$	$< 0.10\% \pm 0.24\%$
FTIR		Complies
λ_{max}		205 nm, 232 nm, 319 nm
Loss on Drying	$\leq 5.00\%$	$1.80\% \pm 0.26\%$

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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