



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-218699  
Lot Number: SAMPLE  
Product Name: Metaxalone  
CAS Number: 1665-48-1  
Molecular Formula:  $C_{12}H_{15}NO_3$   
Molecular Weight: 221.25

Test	Specification	Result
Appearance	White to whitish crystalline powder	White crystalline powder
Identification (HPLC)	The retention time of test sample major peak complies to reference standard	Complies
Identification (Infrared Spectrum)	The retention time of test sample major peak complies to reference standard	Complies
Purity	$\geq 95\%$	$> 95\%$
Residue on Ignition	$\leq 0.1\%$	0.02%
Heavy Metals	$\leq 20$ ppm	$< 10$ ppm
Loss on Drying	$\leq 1.0\%$	0.3%
Single Impurity	$\leq 0.5\%$	0.17%
Total Impurities	$\leq 1.0\%$	0.88%
Chloride	$\leq 0.05\%$	Complies
Ethyl Acetate	$\leq 0.3\%$	0.12%
Sulfate	$\leq 0.02\%$	Complies

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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