



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-279010
Lot Number: SAMPLE
Product Name: Droxidopa
CAS Number: 23651-95-8
Molecular Formula: $C_9H_{11}NO_5$
Molecular Weight: 213.188

Test	Specification	Result
Appearance	White to sandy beige crystal or powder	Beige crystalline powder
Assay (Dried Basis)	$\geq 98.5\%$	98.7%
Identification (Infrared Spectrum)	The maximum absorption wavelength is at 278 nm - 282 nm	Complies
Identification (UV)	It exhibit at the wave numbers of about 3440 cm^{-1} , 1661 cm^{-1} , 1407 cm^{-1} and 1288 cm^{-1}	Complies
Residual Solvents	Methanol: ≤ 3000 ppm Acetone: ≤ 5000 ppm Ethyl acetate: ≤ 5000 ppm	Methanol: 240 ppm Acetone: Undetected Ethyl acetate: Undetected
Residue on Ignition	$\leq 0.2\%$	0.13%
Specific Rotation	- 38.0° - -43.0°	-38.5°
Acidity	4.5 - 6.5 (pH)	4.9 (pH)
Heavy Metals	≤ 10 ppm	< 10 ppm
Loss on Drying	$\leq 0.1\%$	0.07%
Total Impurities	$\leq 0.5\%$	0.3%
Arsenic	≤ 2 ppm	< 2 ppm
Chloride	$\leq 0.03\%$	< 0.03%

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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