



XI'AN QIUSHI CO., LTD.
西安秋实有限公司

Certificate of Analysis

Product Name	Meldonium	CAS No.	76144-81-5
Batch No.	QS-20251102	Manufacturing Date	2025-11-02
Expiry Date	2027-11-01	Analysis date	2025-11-03
Report date	2025-11-05	Country of Origin	CHINA
ITEM	SPECIFICATION	RESULTS	
Appearance	White to off-white crystalline powder	Complies	
Identification	By IR: The IR spectrum of the sample should correspond to the reference standard	Complies	
	By HPLC: The retention time of the sample's main peak corresponds to the reference standard	Complies	
Assay	98.5% - 101.5%	99.5%	
Related Substances	Individual impurity $\leq 0.1\%$	0.05%	
	Total impurity $\leq 0.5\%$	0.15%	
Water Content	$\leq 1.0\%$	0.15%	
Residue on Ignition	$\leq 0.1\%$	0.03%	
Heavy Metals	Cadmium (Cd) ≤ 2.0 ppm	< 0.05 ppm	
	Lead (Pb) < 5.0 ppm	< 0.5 ppm	
	Arsenic (As) < 2.0 ppm	< 0.02 ppm	
	Total Heavy Metals < 10 ppm	Complies	
Microbial Limits	Total Plate Count < 1000 cfu/g	< 100 cfu/g	
	Yeast & Moulds < 100 cfu/g	< 10 cfu/g	
	E. Coli Negative	Negative	
	Salmonella Negative	Negative	
Conclusion:	Conform with enterprise specification. (Based on USP, EP, ChP)		

QC: 王利

experimenter: 杨爽

