



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
<b>ITEM</b>	<b>SPECIFICATION</b>	<b>RESULTS</b>	
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=-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) $\leq 2.0$ 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

