

Certificate of Analysis

Product Name 产品名称	Matrine 苦参碱
Batch Number 批号	SOST-KSJ20240206
Manufacture Date 生产日期	2024-02-06
Botanical Name 拉丁名	<i>Sophora flavescens</i> var.
Expiry Date 有效时间	20260205
Part Used 使用部位	Root
Appearance 外观	Off-White Powder

Item of Analysis 检测项目	Specification 规格	Results 结果	Test Methods 检测方法
Identification(Matrine)苦参碱含量	98%	98.13%	HPLC
Loss on drying 水分	5%NMT (%)	1.06%	5g/105C/5hrs
Total ash 灰分	5%NMT (%)	0.18%	5g/105C/5hrs
Heavy Metals 重金属	10ppm Max	Conform 符合	Atomic Absorption
Lead (Pb)铅	3ppm NMT	Conform 符合	Atomic Absorption
Arsenic (As)砷	2ppm NMT	Conform 符合	Atomic Absorption
Cadmium (Cd)镉	1ppm NMT	Conform 符合	Atomic Absorption
Mercury (Hg)汞	0.1ppm NMT	Conform 符合	Atomic Absorption
Pesticide Residues 农药残留	1ppm NMT	Conform 符合	Gas Chromatography
Total Plate Count 总菌落	1000cfu/g Max	Conform 符合	AOAC
Yeast & Mold 霉菌酵母菌	100cfu/g Max	Conform 符合	AOAC
E. Coli.大肠杆菌	Negative 未检出	Conform 符合	AOAC
Salmonella 沙门氏菌	Negative 未检出	Conform 符合	AOAC
Staphylococcus 葡萄球菌	Negative 未检出	Conform 符合	AOAC

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

QC Manager: Xiaodong Ma

QA: Bin Zhang

