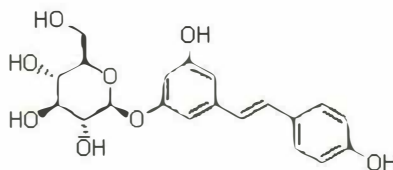




Polydatin

Batch no TKP-20260705
Mf date Jul 05 2026
Retest Jul 04 2028
Batch size 500 kg

Molecular Structure



Molecular Formula $C_{20}H_{22}O_8$
Molecular Weight 390.39
CAS Registry Number 65914-17-2
Botanical name *Polygonum cuspidatum* Sieb. et Zucc.

Sep 07 2026

Tests	Specifications	Results
Appearance	White powder	Conforms
Odor	Characteristic	Conforms
Loss on drying	$\leq 5.0\%$	2.79%
Residue on ignition	$\leq 5.0\%$	2.01%
Heavy metals	< 20 ppm	Conforms
Arsenic (As)	< 0.5 ppm	Conforms
Lead (Pb)	< 0.5 ppm	Conforms
Cadmium (Cd)	< 0.05 ppm	Conforms
Mercury (Hg)	ND	ND
Pesticide residue (GC)	Acephate	< 0.1 ppm
	Methamidophos	< 0.1 ppm
	Parathion	< 0.1 ppm
	PCNB	< 10 ppb
Microbiological tests	Total plate count	< 1000 cfu/g
	Yeast & mold	< 100 cfu/g
	E. coli	Negative
	Salmonella	Negative
Particle size	100% pass 80 mesh	Conforms
Assay (HPLC)	$\geq 98.0\%$	98.63%

Packaging & storage	Store in cool & dry place, keep away from strong light and heat
Conclusion	Material complies with in house standard