

CERTIFICATE OF ANALYSIS

Name of Product:	
Batch No.: 20171202	CAS:1898-66-4
Quantity: 1kg	Manufacture date: 2017.12.02
Test date: 2017.12.02	Retest date: 2019.12.01

Test Items	Quality Standard	Test Result
Appearance	A large prismatic crystal or powder	Conforms
Assay	$\geq 95.0\%$	97.1%
Water content 水分	$\leq 2.0\%$	1.2%
Loss on drying	$\leq 1.0\%$	0.3%
Melting point	152~158°C	153.7~156.4°C
Related Substances	Single: $\leq 0.3\%$	0.10%
	Total: $\leq 0.4\%$	0.70%
Residual solvents	Methanol n.m.t.3000ppm	Conforms
	Isopropanol n.m.t.5000ppm	
	acetonitrile n.m.t.410ppm	
Specific rotation	+18~+22°(in H ₂ O)	+21.2°
Solubility	Freely soluble in Methanol and in water. Very slightly soluble in Acetone and in isopropanol. Practically insoluble in aether.	Conforms
IR	Infrared absorption spectrum is concordant with Rasagiline mesylate	Conforms

Storage conditions

Cool and dry, no more than 5°C

Conclusion: This product conforms to the Enterprise Standard.

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