



Certificate of Analysis

Product Name:	Hydrafinil	Batch Number:	Varies
CAS No.	1689-64-1	Manufacture Date:	Varies
Molecular Formula:	C ₁₃ H ₁₀ O	Expiry Date:	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Assay (HPLC)		≥ 99%	99.72 - 99.94%
Physical	Appearance	Creamy white powder	Complies
	Melting point	155 - 158°C	155.9 - 157.2°C
	Solubility	Easily soluble in acetic ether, methanol and ethanol, soluble in glacial acetic acid, insoluble in water	Complies
	Loss on drying	≤ 5%	0.52 - 1.02%
	Residue on ignition	≤ 0.5%	0.17 - 2.00%
	HPLC	The sample peak retention time should be consistent with the standard of retention time	Complies
Chemical	Related impurities	Max single impurity ≤ 0.5% Total impurity ≤ 1.0%	0.06 - 0.08% 0.06 - 0.1%

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

