



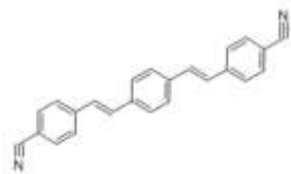
HANGZHOU DINGYAN CHEM CO.,LTD

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CERTIFICATE OF ANALYSIS

NO: DYC051908211

Product name	1,4-Bis(4-cyanostyryl)benzene; Optical brightening agent ER-III
CAS Number	13001-40-6
Molecule Structure	
Molecule Formula	C24H16N2
Batch number	20190815
Manufacture date	2019-08-15
Testing date	2019-08-15

Items	Standard	Test Result
Appearance	Yellow crystalline powder	Conform
Assay (HPLC)	$\geq 98.0\%$	99.1%
Melting point	$\geq 288^{\circ}\text{C}$	289 $^{\circ}\text{C}$
Particle size	Pass 200mesh	Pass 200mesh
Ash	$\leq 0.3\%$	0.1%
Volatile matter	$\leq 0.5\%$	0.22%
Conclusion :Qualified		

QUALITY CONTROL: 
Hangzhou Dingyan Chem Co., Ltd.
Quality Control
Signature(s)

CHECK: 姚仙娟

INSPECTOR: 刘清风

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