



High Performance Perylene Pigments Producer in China

1,8-Naphthalic Anhydride is most important raw material to Synthesize pigments, dyestuffs, agricultural chemicals, pesticides, high performance resin and film.

## Chemicals Product

Trade Name	1,8-Naphthalic Anhydride
CAS No.	81-84-5
EC No.	201-380-2
Molecular Formula	C <sub>12</sub> H <sub>6</sub> O <sub>3</sub>

## Physical Data

Physical State	Powder
Appearance	Pale yellow acicular crystal
Molecular Weight	198.18
Purity	99%
MP	267-269°C
Flash Point	272°C
Moisture %	≤0.5%
Solid content	≥99.5%
Assay (HPLC)	≥99%
Acidic Impurities	≤0.3%

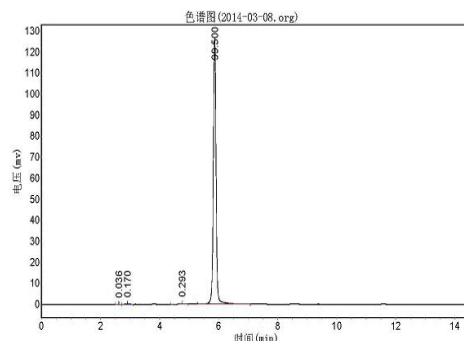
## Regulatory Compliance

RoHs 2011/65/EU	US EPA 3052:1996
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## Applications

Pigments	●
Dyestuffs	●
Agricultural Intermediate	●
Pesticides	●
Resin	●
Film	●
Pharmaceutical Intermediates	○
● recommended      ○ limited suitability	

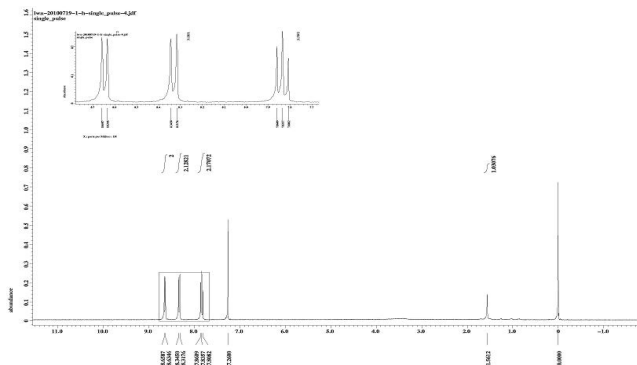
## HPLC



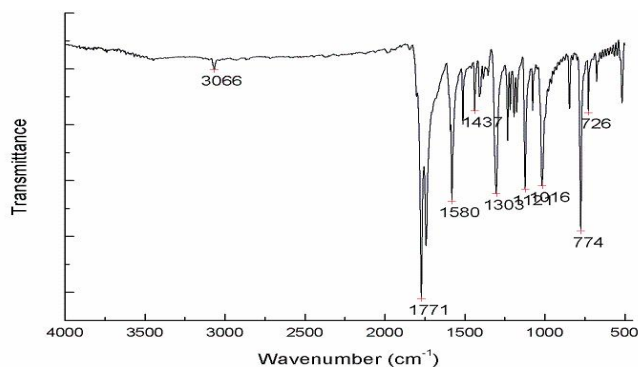
分析结果表

峰号	峰名	保留时间	峰高	峰面积	含量
1		2.615	39.720	301.650	0.0363
2		2.915	178.489	1413.400	0.1700
3		4.765	281.235	2439.600	0.2935
4		5.873	126183.461	827131.313	99.5002
总计			126682.906	831285.963	100.0000

## Nuclear Magnetic Resonance



## Infrared Ray



## 鸿港化工

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