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分析证明书

CERTIFICATE OF ANALYSIS

Product name 品名: Camptothecin 喜树碱	
Batch no. 批号: 20220301	Quantity 数量: 10kgs
Manuf. date 生产日期: 2022/03/24	Expiry date 有效期: 2024/03/24

项目 Item	标准 Specifications	结果 Results
Appearance	Pale yellow powder; odorless. Sparingly soluble in methanol, slightly soluble in water	Conforms
Identification (1). IR spectrum (2). HPLC	Same as the reference spectrum Retention time of the principle peak is similar to that obtained with the reference substance	Conforms Conforms
TESTS		
Melting point	215°C-219°C	218°C
Heavy metals, as Pb	≤10 ppm	< 10 ppm
Loss on drying	≤1.0%	0.32%
Total impurities by HPLC	≤0.50%	0.06%
Individual impurity by HPLC		
10-Hydroxycamptothecin	≤0.10%	0.00%
Camptothecin	≤0.10%	0.00%
7-Ethylcamptothecin	≤0.10%	0.06%
PURITY, by HPLC at 254 nm	≥99.5%	99.8%
Conclusion	The product conforms to the corporation standard	
STORAGE	Protect from light, air tight.	

复核人 Checker:

化验人 Analyst:

