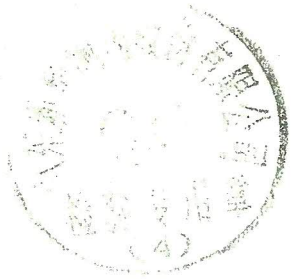


产品名称: 咖啡因 Name of Product: CAFFEINE	取样日期: 2015-12-01 Sampling Date: 2015-12-01	报告日期: 2015-12-02 Report Date: 2015-12-02
批号: 15111824 Batch No.: 15111824	生产日期: 2015-11-27 Date of Manufacturing: 2015-11-27	失效期: 2019-11 Expiry Date: 2019-11
批量: 2017 kg Quantity: 2017 kg	检验记录号: 6010677 Record No.: 6010677	报告编号: 6010677 Report No.: 6010677
标准依据: 英国药典2015版/欧洲药典8.0版/美国药典38版 Reference Standard: BP2015/EP8.0/USP38		物料代码: 010-01 Product code: 010-01

项 目 Items	指 标 Specifications	检 验 结 果 Results
外观 Appearance	白色结晶粉末 White crystalline powder	白色结晶粉末 White crystalline powder
鉴别: 红外 Identification: IR	应与对照品的红外光谱一致 Conforms to reference spectrum	与对照品的红外光谱一致 Conforms to reference spectrum
· 高效液相 · HPLC	应与标准保留时间一致 Conforms to the chromatogram of the Standard preparation	与标准保留时间一致 Conforms to the chromatogram of the Standard preparation
熔点(°C) Melting point (°C)	234-239	236.5
溶液外观 Appearance of solution	应澄清、无色 Clear and colorless	澄清、无色 Clear and colorless
酸度(0.01mol/L NaOH, ml) Acidity(0.01mol/L NaOH, ml)	≤0.2	符合规定 Conform
色谱纯度: 单个杂质(%) Chromatographic purity: Single impurity(%)	≤0.10	0.03
· 总杂质(%) · Total impurities (%)	≤0.1	0.04
硫酸盐(ppm) Sulfate (ppm)	≤500	<500
重金属(以Pb计)(%) Heavy metals(on Pb basis)(%)	≤0.001	<0.001
干燥失重(%) Loss on drying (%)	≤0.5	0.06
炽灼残渣(%) Residue on ignition (%)	≤0.1	0.03
硫酸盐灰份(%) Sulphated ash (%)	≤0.1	0.03
含量(以干品计)(%) Assay (on dried basis)(%)	98.5-101.5	99.4
残留溶剂(氯仿, ppm) Residual solvents(Chloroform, ppm)	≤60	符合规定 Conform
HPLC含量(%, 干品计) Assay (% , on dried basis) (HPLC)	98.5-101.0	99.7



结 论: 本品按 英国药典2015版/欧洲药典8.0版/美国药典38版 检验, 上述项目符合规定
Conclusion: The product is tested in accordance with BP2015/EP8.0/USP38 . The above items meet the requirement.

QA放行人: 宋芳 放行日期: 2015.12.3 质检负责人: 宋芳 复核者: 宋芳 报告者: 宋芳
Released by QA: 宋芳 Release Date: 2015.12.3 QC Manager: 宋芳 Rechecked by: 宋芳 Reported by: 宋芳