



济南博思化工有限公司
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CERTIFICATE OF ANALYSIS

质检报告单

| | | | |
|----------------------|--|------------------------|--------------|
| Name 名称 | Scopolamine Butyl Bromide (Hyoscine N-Butyl Bromide) 东莨菪碱丁溴酸盐 | | |
| Batch 批号 | 20200811 | Mfg. date 生产日期 | 08/2020 |
| Test of Date 测试时间 | 2020. 08. 11 | Report of Date 报告时间 | 2020. 08. 12 |

| TESTS | SPECIFICATION | RESULT |
|---|--|-------------------------|
| Description 外观 | A white or almost white crystalline powder 白色或类白色粉末 | Complies |
| Solubility 溶解度 | Freely soluble in <i>water</i> and methylene chloride; sparingly soluble in ethanol 易溶于水, 二氯甲烷, 微溶于乙醇 | Complies |
| Identification 鉴别 | | |
| A) By specific optical rotation 旋光 | A) Should be -18.00° to -20.00° | -19.00° |
| B) By Melting Point 熔点 | B) Should be 139.0°C - 141.0°C | 140.9°C |
| C) By IR Spectroscopy 红外 | C) The I.R Spectrum of the sample must be concordant with that of Reference Standard / Working Standard | Complies |
| D) By chemical Test as per B.P | D) A violet color should develop | Complies |
| E) By chemical Test as per B.P | E) No precipitate should form | Complies |
| F) By test of Bromides | F) Should be positive | Complies |
| Appearance of Solution | Should be clear and colorless | Complies |
| pH Value | Should be 5.50 to 6.50 | 6.25 |
| Specific Optical Rotation 比旋度 | Should be -18.00° to -20.00° | -19.00° |
| Loss on Drying 干燥失重 | NMT 2.50 % w/w | 0.14% |
| Sulphated Ash 灰分 | NMT 0.10 % w/w | 0.04% |
| Assay (By Silver Nitrate Titration) 含量 | NLT 98.00 % & NMT 101.00% Calculated on dry basis | 99.27% - Complies |

备注: (1) 本产品要在低温(-10℃以下冷冻储藏)、干燥、密封的条件下贮藏

The products should be stored in the conditions of low temperature
(below 10 °C cold storage), drying and sealing

(2) 本产品易吸水, 不能长时间暴露在空气当中

The product is easy moisture absorption and can't be exposed in the air for long time.



