



湖北猫尔沃生物医药有限公司
HUBEI MARVEL-BIO CO., LTD

CERTIFICATE OF ANALYSIS

产品名称 Product Name	异丙基-β-D-硫代半乳糖苷(IPTG)		
英文名称 English Name	Isopropyl-beta-D-thiogalactopyranoside		
CAS NO	367-93-1		
批号 Batch No.	20171002	规格 Packing size	1kg/bag
检验项目 Test item	标准 Specification		检验结果 Result
性状 Description	白色结晶性粉末 white crystalline powder		符合 Conforms
溶解度 Solubility	溶于水 and 甲醇 Soluble in water and methanol		符合 Conforms
含量(HPLC) Assay,%	≥98%		99.47%
鉴别 (IR) Identification by IR	IR 应符合要求 The IR spectrum of the sample should be concordant with the working standard.		符合 Conforms
PH (5% in water)	5.0-7.0		6.11
KF 水分含量 Moisture Content by KF	NMT1.0% w/w		0.25% w/w
熔点 Melting range, °C	110°C-114°C		110°C-112°C
吸光度 Absorbance 5% w/v soluble in water 300nm 400nm	Not more than 0.15 Not more than 0.06		0.06 0.01
检验结果 Remarks	本品按企业标准检验, 结果符合规定。 The products complies with In-house standards.		

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