BIOISCO Co., Ltd.
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CERTIFICATE OF ANALYSIS

Product:	**Bromocresol Purple Free Acid ACS**
Catalog Number：	**115-40-2**
Molecular Weight：	**540.24**
Molecular Formula：	**$C_{21}H_{16}Br_2O_5S$**
Lot No.：	**120332**
Expiry Date：	**07/2028**
Storage：	**RT**

TESTS	SPECIFICATIONS	RESULTS
Appearance：	Grey to light purple to pink to peach to yellow-tan powder.	Light Pink powder
Clarity of Solution	To pass test	Passes Test
Solubility in ethanol0.1g/100ml	Clear golden yellow to orange solution.	Clear golden yellow solution
Melting Point：	241℃- 245℃	242.5℃
Dye content (Titration) (with AgNO3 after Oxygen combustion)	> 89.0%	98.2%
Visual Transition fnterval	From pH 5.2 (yellow) To pH 6.8 (purple)	From pH 5.2 (yellow) To pH 6.8 (purple)
Loss on drying(at 110 °℃ / 1 hr.)	<1.0%	0.89%

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Quality Inspector

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