

SHANGHAI BOKCHANG CHEMICAL SCIENCE AND TECHNOLOGY CO., LTD

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CERTIFICATE OF ANALYSIS

Product name	5-Ethylpyridine-2,3-dicarboxylic acid diethyl ester (PDE)	Batch no	21052301
CAS NO	105151-39-1	Mfg. date	20210523
Quantity	1000kg	Retest date	20230522
Items	Specification	Results	
Appearance	Light adhesive liquid	conforms	
Purity (HPLC)	$\geq 90\%$	91.2%	
water	$\leq 0.2\%$	0.15%	
pH	4.0-6.0	5.0	
Insoluble substances in acetone	No visible impurities after dissolution	conforms	

Analyst: Liwei

Checker: Wang xia

