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# CERTIFICATE OF ANALYSIS

ISSUANCE DATE: 27-Feb-21

**Commodity:** 3-(1-Cyanoethyl)benzoic acid **CAS NO:** 5537-71-3  
**Weight:** 25 KGS **QUANTITY** 1 DRUM

This is to certify that we, the undersigned, have inspected the above-mentioned goods and found the result of the inspection as below:

ITEMS	SPECIFICATION	RESULTS
BATCH NO:		20210323001
MANUFACTURER DATE:		23-Mar-21
RETEST DATE:		22-Mar-22
BATCH QUANTITY		25 KGS
外观 Appearance	类白色至米黄色结晶性粉末 off white to yellow creamy	符合 Complies
鉴别 Identification	同对照品出峰时间一致 peak time conform with reference	符合 Complies
溶解性 Solubility	溶于甲醇丙酮 Freely soluble in Methanol and	符合 Complies
熔点 Melting point	143.0-147.0°C	146.0-147.0°C
氯化物 Sodium Chloride	≤0.50%	0.15%
干燥失重 Loss on drying	≤0.50%	0.16%
有关物质 related substance	single impurity at RRT 0.28-0.38	≤0.10% 0.00%
	impurity Cyanomethyl Benzoic Acid R.R.T.:0.65	≤0.15% 0.06%
	最大单杂 single impurity	≤0.30% 0.12%
	总杂质 total impurities	≤0.50% 0.29%
Putiry (HPLC )	99.50%	99.71%

*For and on behalf of*  
**FORESCHEM CO., LTD.**  
*Authorized Signature(s)*