



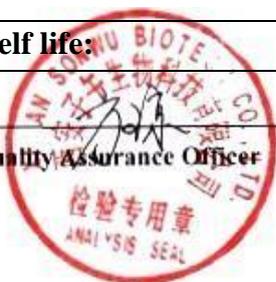
Certificate of Analysis

Product name	WS-5 (N-(ethoxycarbonyl methyl)- p-alkan-3-formamide)	Manufacture date	Dec.02.2022
Batch number	FQ221202	Analysis date	Dec.03.2022
Batch quantity	500kg	Expiry date	Dec.02.2024

Items	Specifications	Testing results
Assay(HPLC)	≥99.0%	99.91%
Appearance	White crystalline powder	Conform
Sieve	100% pass 80 mesh	Conform
Odor	WS-5 Coolness 230 °The most cool feeling, slight mint flavor	Conform
Melting point	80-82°C	62.5°C
Solubility	It is sparingly soluble in water. They are soluble in ethanol, propylene glycol, flavor systems and fragrance oils.	Conform
Residue on ignition	≤0.1%	Conform
Acid value	≤1mg	Conform
Heavy metals	≤3mg	Conform
Other single impurity	≤0.1%	Conform
Conclusion	Conform with specifications	

Packing description:	Sealed export grade drum & double of sealed plastic bag
Storage:	Store in cool & dry place not freeze., keep away from strong light and heat
Shelf life:	2 years when properly stored

Quality Assurance Officer



Corrector

Analyst