

Certificate of Analysis

Product Name	Caramel	Batch Number	YG20220717
CAS No.	8028-89-5	Manufacture Date	20220717
Standard	In-house Standard	Analysis Date	20220719
Quantity	320kg	Expiry Date	20240716

ITEMS	SPECIFICATION	RESULTS
Character	Dark brown powder	Conformed
Odor	Caramel-colored caramel aroma, no peculiar smell	Conformed
Dilute solution	Clear, no turbidity and precipitation	Conformed
Absorbance, $E_{1\text{CM}}(610\text{nm})$	0.01-1.0	0.66
SO ₂ %	≤0.2	0.0044
N %	≤3.3	0.73
As mg/kg	≤1.0	0.025
Pb mg/kg	≤2.0	Not detected
Hg mg/kg	≤0.1	Not detected
Heavy Metal		
Total Heavy Metal	≤10.0ppm	Conformed
Lead	≤2.0ppm	Conformed
Mercury	≤0.1ppm	Conformed
Cadmium	≤1.0ppm	Conformed
Microbiological Test		
Microbiological	≤1,000cfu/g	Conformed
Yeast & Mold	≤100cfu/g	Conformed
E.Coli	Negative	Negative
Salmonella	Negative	Negative
Storage Condition:	Store in dry and cold places, keep the package sealed well.	
Conclusion:	Conforms to the in-house Standard.	
Tested by	Fangchao Yang	Approved by Yulian Liu