Certificate of Analysis

Product Name	Lemon Balm Extract	**Botanical Source**	Melissa officinalis
Lot No.	KT-LBE2026080502	**Product grade**	Food grade
Mfg Date	August 05, 2026	**Batch Quantity**	151kg
Expiring date	August 04, 2028	**Report Date**	August 05, 2026
Extraction Solvent	Water	**Country of origin**	P.R.China
Non-Irradiated / Non-ETO/ Treat by Heat Only / Non-GMO			

Analysis Items	**Specification**	**Results**	**Test Method**
Extraction Ratio	4:1	Conforms	TLC
Physical and chemical properties			
Appearance	Yellow-brown to greenish-brown fine powder	Complies	Visual
Odour	Characteristic pleasant aroma, slightly bitter	Conforms	Smell
Particle Size	≥95% Through 80 mesh	Conforms	Sieving
Loss on drying	≤ 5.0%	4.30%	GB 5009.3
Ash	≤ 5.0%	3.80%	GB 5009.4
Heavy Metals	**≤20.0ppm**	**Conforms**	**Atomic Absorption**
Cadmium(Cd)	≤ 2.0ppm	<0.10 ppm	Atomic Absorption
Mercury(Hg)	≤ 1.0ppm	<0.10 ppm	Atomic Absorption
Arsenic(As)	≤ 2.0ppm	<1.00 ppm	Atomic Absorption
Lead(Pb)	≤ 1.0ppm	<1.00 ppm	Atomic Absorption
Microbiological Quality (Total viable aerobic count)			
Total Plate Count,cfu/g	≤1,000 CFU/g	Conforms	GB 4789.2
Total Yeast and molds	≤ 100CFU/g	Conforms	GB 4789.15
E. coli	Negative / g	Negative	GB 4789.3
Salmonella	Negative / 25g	Negative	GB 4789.4
***Storage Condition:** Store in tightly closed plastic bag and keep in a cool dry place.			
***Shelf life:** 2 years when properly stored.			
***Safety Precaution:** Wearing of protective goggles or safety glasses is recommended.If accider instilled into the eyes,immediately rinse thoroughly with water and get medical care. Wash skin with and water upon contact.			
Conclusion	Confirm to Specification and Standards.		

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