KEB® Biotechnology 昶辉生物

Inner Mongolia Ever Brilliance Biotechnology Co., Ltd.

Add: New Eastern Industrial District, Kailu, Tongliao, Inner Mongolia 028400, China
Fax: +86-10-8710 3722 **Tel:** +86-10-8710 3711 **E-mail:**info@kebiotech.com
Web: www.kebiotech.com

Specification Sheet

Sesamin Seed Extract (Sesamin 90%)

Item No.:	SS007
Country of Origin:	China
Botanic Name:	*Sesamum indicum* L.
Plant Parts:	Seeds
Extraction Solvent:	Ethanol and Water
Sterilization:	Non-Irradiated/Non-ETO/Treat by Heat Only

Test	**Specification**	**Method**
Identification		
Sesamin	≥ 90.0%	HPLC
Physical/Chemical		
Identification	Positive	TLC
Appearance	White crystalline powder	Visual
Odor	Characteristic	Organoleptic
Powder Size (USP)	≥ 95% through 40 mesh	USP #40 Sieve
Bulk Density	0.30 – 0.60 g/mL	USP41-NF36<616>
Tapped Density	0.60 – 0.80 g/mL	USP41-NF36<616>
Loss on Drying	≤ 5.0%	USP41-NF36<731>
Residue on Ignition	≤ 0.5%	USP41-NF36<281>
Residual Solvents	USP<467>	USP41-NF36<467>
Pesticide Residues	USP<561>	USP41-NF36<561>
Aflatoxins	≤ 20 ppb	USP41-NF36<561>
Heavy Metals		
Total Heavy Metals	≤ 10 μg/g	USP41-NF36<231>
Arsenic (As)	≤ 1.0 μg/g	ICP-MS
Cadmium (Cd)	≤ 0.5 μg/g	ICP-MS
Lead (Pb)	≤ 1.0 μg/g	ICP-MS
Mercury (Hg)	≤ 0.5 μg/g	ICP-MS
Microbiology		
Total Plate Count	≤ 1,000 cfu/g	USP41-NF36<2021>
Molds and Yeasts	≤ 100 cfu/g	USP41-NF36<2021>
Total Coliforms	< 10 cfu/g	USP41-NF36<2021>
Salmonella	Absence	USP41-NF36<2022>
E. Coli	Absence	USP41-NF36<2022>
Staphylococcus aureus	Absence	USP41-NF36<2022>

Quality Approved By: _____ **Issued Date:** 01-01-2019