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Certificate of Analysis

S-Adenosyl-L-methionine Disulfate Tosylate (SAME)

CAS No.	97540-22-2	Code	BIOJSAME
Batch No	C260409	Manufacture Date	Apr.26, 2026
Expiry Date	Apr.25, 2028	Quantity	5Kgs

Testing Items	**Specifications**	**Results**
Appearance	White to off-white powder	White to off-white powder
Identification	IR: Conforms to the reference spectrum	Complies
	HPLC: The retention time of the major peak corresponds to the reference sample	Complies
Water content(K.F)	≤3.0%	0.83%
Sulphated ash	≤0.5%	0.2%
PH(5% Aqueous solution)	1.0~2.0	1.3
S, S-Isomer(HPLC)	≥75.0%	84.4%
SAM-e ION(HPLC)	49.5%~54.7%	50.4%
P-Toluenesulfonic acid	21.0%~24.0%	23.1%
Content of Sulfate(SO_4) (HPLC)	23.5%~26.5%	25.0%
Assay	95.0%~103.0%	98.5%
Related substances (HPLC)	S-Adenosyl-L-Homocysteine≤1.0% Adenine≤1.0% Methylthioadenosine≤1.5% Adenosine≤1.0% Total Impurities≤3.5%	0.34% 0.33% 0.10% 0.10% 1.3%
Heavy metals	≤10ppm	Complies
Lead	≤3ppm	Complies
Cadmium	≤1ppm	Complies
Mercury	≤0.1ppm	Complies
Arsenic	≤2ppm	Complies
Microbiology	Total Aerobic Count≤1000cfu/g Yeast and Mold Count≤100cfu/g E. Coli: Absent/10g S. Aureus: Absent/10g Salmonella: Absent/10g	Complies Complies Complies Complies Complies
Conclusion	This product conforms to USP standard	

***Storage condition: Store at 0~8℃, Protect from moisture and light.**