

Certificate of Analysis

Product Name	S-Adenosylmethionine	Batch Number	20241218A
Quantity	750kg	Package	25kg/carton
Manufacture Date	Dec 18. 2024	Expiry Date	Dec 17. 2026

Items		Specifications	Results
Appearance		White or Off-white Powder	White to off-white Powder
Identification	Infrared	Conforms to the Reference Spectrum	Complied
	HPLC	The retention time of the major peak corresponds to the reference sample	Complied
Water Content(K.F)		≤3.0%	1.1%
Sulphated Ash		≤0.5%	Complied
PH (5% AQUEOUS SOLUTION)		1.0-2.0	1.2%
s, S-Isomer (HPLC)		≥75.0%	84.6%
SAM-e ION (HPLC)		49.5- 54.7%	52.0%
P-Toluenesulfonic Acid		21.0%- -24.0%	22.5%
Content of Sulfate (SO4) (HPLC)		23.5%- 26.5%	25.4%
S-Adenosyl-L-methionine Disulfate Tosylate		95.0%- -103%	99.9%
Related substances(HPLC)			
S-ADENOSYL-L-HOMOCYSTEINE		≤1.0%	0.1%
ADENINE		≤1.0%	0.2%
METHYLTHIOADENOSINE		≤1.5%	0.1%
ADENOSINE		≤1.0%	0.1%
TOTAL IMPURITIES		≤3.5%	1.1%
Bulk Density		>0.5g/ml	Complied
Heavy Metals		≤10 ppm	Complied
LEAD		≤3 ppm	Complied
CADMIUM		≤1 ppm	Complied
MERCURY		≤0.1 ppm	Complied
ARSENIC		≤2 ppm	Complied
Total Aerobic Count		≤1000cfu/g	Complied
Yeast and mold count		≤100cfu/g	Complies
E. coli		Absent/10g	Complies
S. aureus		Absent/10g	Complies
Salmonella		Absent/10g	Complies
Conclusion		Complies with USP41	
Storage		Store in 2-8 C place not freeze, keep away from strong light and heat	
Shelf life		2 Years	

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