



山东八方化工科技有限公司

SHANDONG OCTAGON CHEMICALS LIMITED



CERTIFICATE OF ANALYSIS

Product name	<u>S-Adenosyl-L-methionine Disulfate Tosylate (Cas 97540-22-2)</u>		
Batch No.	C250704	Mfg. Date	2025.07.14
Rep. Date	2025.07.25	Retest Date	2027.07.13
Packaging	25KG/Bag/Tin/Carton	Batch Quantity	648.1KG
Test Items	Standards: Enterprise		Results
Appearance	White to almost white powder		Almost white powder
Identification	HPLC: The retention time of the major peak corresponds to the reference sample.		Conforms
	IR: Conforms to the reference spectrum.		Conforms
Water Determination	NMT 3.0%		1.1%
Residue on ignition	NMT 0.5%		0.2%
pH(5% Aqueous Solution)	1.0-2.0		1.2
Arsenic	NMT 2ppm		Conforms
Isomeric ratio	NLT 75.0%		80.8%
Related Substances	Adenosine: NMT 1.0%		0.09%
	Adenine: NMT 1.0%		0.28%
	S-adenosyl-L-homocysteine:NMT 1.0%		0.12%
	Methylthioadenosine: NMT 1.5%		0.19%
	Other individual impurity: NMT 1.0%		0.19%
	Total impurities: NMT 3.5%		1.2%
Assay ((on the anhydrous basis))	p-Toluenesulfonic Acid: 21.0-24.0%		22.2%
	Content of Sulfate: 23.5-26.5%		25.6%
	Content of S-Adenosyl-L-methionine: 49.5-54.7%		50.9%
	Content of S-Adenosyl-L-methionine Disulfate Tosylate(on the anhydrous basis): 95.0-103.0%		98.7%
Conclusion	It meets the requirements of The Standards Above.		
Storage	Preserve in well-closed, light resistant containers.		
Reporter: LI	Reviewed By: WEI		

