

Certificate of Analysis

Product Name	Ademetionine
Catalog No.	V10327
Batch No.	V1032701

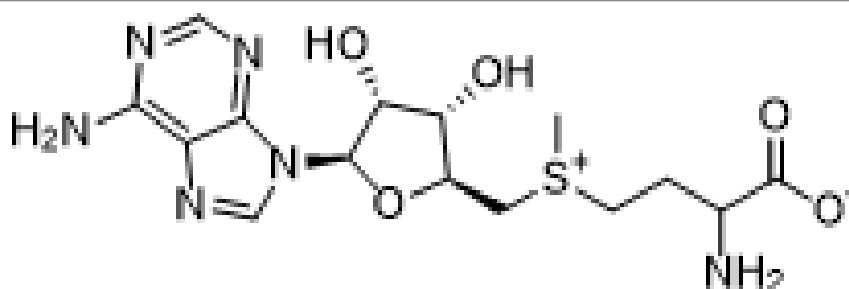
1. Physical and Chemical Properties

Appearance	White or off-white crystalline powder
Molecular Formula	C ₁₅ H ₂₂ N ₆ O ₅ S
Molecular Weight	398.438
Purity	Content: =102.1%
CAS No.	29908-03-0
Production Date	
Retest Date	2028-06-08

2. Analytical Data

Test Item	Specification	Result
Specific Rotation	+28°±34°	+31.24°
Infrared	Conforms to standard spectrum	Complied
HPLC	The retention time of the major peak corresponds to the reference sample	Complied
Adenosyl Methionine	49.5%-54.7%	53.42%
Total Content	≥95%	102.1%
T-adenosyl-L- homocysteine	≤0.5%	0.03%
Methyl-thioadenosine	≤2.0%	0.35%
Adenine	≤0.5%	0.12%
Total of other individual impurities	≤1.5%	1.33%
S, S - Isomer	≥60.0%	86.6%
P-toluene sulfonic acid	21.0%-24.0%	21.0%-24.0%
Heavy metal	≤10ppm	Complied
Content of Sulfate	23.5%-26.5%	26.3309%
pH	1.0-2.0	1.17
Water Content (K.F)	≤3.0%	2.60%
Microbial limit	≤1000CFU/g	Complied

3. Structure



4. Storage Condition

Storage Condition	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month
Note: Please store this product in a sealed and protected environment (e.g. under nitrogen), avoid exposure to moisture.			

Products are for research use only • Not for human or veterinary use

Tel: +1 708 310-1919

InvivoChem LLC
Fax: +1 708 557-7486
<http://www.invivochem.com/>

Email: info@invivochem.com