

Certificate of Analysis

Product Name :	S- adenosylmethionine , SAMe		
Batch No. :	ASPB 20160125	Manufacture Date :	Jan . 25 , 2016
Cas No. :	29908-03-0	Report Date :	Jan . 25 , 2016
Quantity :	10 KG	Expiry Date :	Jan . 24 , 2018

Test Items	Specification	Results
Appearance	Almost white powder(very hygroscopic),soluble in water	Confirmed
Identification	1.Chemical reaction 2.IR:consistent with the spectrum obtained with RS 3.The retention time of a major peak meets requests	1.Positive reaction 2.Confirmed 3.Confirmed
Acid value	1.0-2.0	1.5
Clarity and color of solutio	Not more intensely colored than RS Y1	Confirmed
Water	NMT 2.5 %	2.0%
Residue on ignitio	NMT0.3%	0.14%
Heavy metals	NMT 10ppm	NMT 10ppm
Endotoxin	NMT 0.3EU/mg	Confirmed
Microbiological	Should meet the requirement	10CFU/g
S-adenosyl-L-Homocystein	NMT0.5%	0.06%
Methithioadenosine	NMT 2.0%	0.41%
Adenine	NMT 0.5%	0.09%
Related substance		
The other largest impurities	NMT0.2%	0.01%
The other total impurities	NMT0.5%	0.006%
(S,S)Isomer	NLT62.0%	79.4%
Butanedisulfonate	46.0-49.0%(base on dried)	47.5%
Ademetionine	50.0-53.0%(base on dried)	52.1%
Total content	NLT98.5%(base on dried)	99.2%
Conclusion : Confirmed with the requirement		
Storage : Airtight ; keep it at the condition of 2-8℃;		
Shelf life : 2 years when properly stored		