



Vetindia Pharmaceuticals Limited

A-6/1, Electronic Complex, Kushaiguda, Hyderabad-62

QUALITY CONTROL DEPARTMENT CERTIFICATE OF ANALYSIS WORKING STANDARD ANALYSIS REPORT

Mfg.lic.No:52/HD/AP/95/F/R

Name of the Material: DL-METHIONINE	Material Code: 046	W.S.No: VWS/046/15
Batch No: Working Standard	Mfg.Date: 05/2015	Exp.Date: 05/2020
Name of the Manufacturer: Sumitomo chemical company		
Condition: Good	Quantity Received: 50 g	
Date of Analysis:07/12/2015	Date of Report: 08/12/2015	
Inward No:013	A.R.NO: VWSR/013/15	
Ref STP No: VIPL/QC/RM/046/A	Ref SOP No: VIPL/QC/GEN/017	

S.NO	TEST	SPECIFICATION	RESULT
1.	Description	Almost white, crystalline powder or small flakes.	Almost white crystalline powder
2.	Solubility	Sparingly soluble in water, very slightly soluble in alcohol. It dissolves in dilute acids and in dilute solutions of the alkali hydroxides.	Complies
3.	Identification	B. Test for related substances C. The angle of optical Rotation is - 0.05° to + 0.05° D. A deep-red colour develops	Complies + 0.01° Deep-red colour develop
4.	Appearance of solution	Solution S is clear and colourless	Solution S was clear and colourless
5.	pH	5.4 to 6.1	5.45
6.	Related substances	Thin-layer chromatography	Complies
7.	Chlorides	Maximum 200 ppm	< 200 ppm
8.	Sulphates	Maximum 200 ppm	< 200 ppm
9.	Heavy metals	Maximum 20 ppm	< 20 ppm
10.	Loss on drying	Not more than 0.5%	0.42%
11.	Sulphated ash	Not more than 0.1%	0.02%
12.	Assay	NLT 99.0% and NMT 101.0%	99.35%

REMARKS: THE MATERIAL COMPLIES WITH BP2011 SPECIFICATIONS IN THE ABOVE RESPECTS.

Gangadhar
ANALYSED BY
Gangadhar
08/12/2015



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