

Certificate Of Analysis

Product Name : 4-(Methylsulfonyl)phenylacetic Acid
CAS.No : 90536-66-6
Batch No : SCPL/MSPA/0526001
Mfg.Date : May - 26
Retest Date : April - 27
Storage Condition : Store at Ambient Temperature

S.No	Test Parameter	Specification	Result
01	Appearance	Off white to Cream or Pale Yellow Colored Powder, Hygroscopic	Complies
02	Moisture Content by KF	NMT 0.5% w/w	0.3 %
03	Identification by		
	a) IR	The IR absorption spectrum of the sample should contain characteristic peak at $1700 \pm 10 \text{ cm}^{-1}$	Complies
	b) HPLC	The retention time of the peak of sample corresponds to that of standard major peak obtained as directed in Related substance by HPLC.	Complies
04	Sulphated Ash	NMT 1.5% w/w	0.09%
05	Related substances by HPLC (Area normalization)		
	a) ETX-2	NMT 0.5%	0.03 %
	b) ETX-2a	NMT 0.5%	0.06 %
	c) Single maximum unknown impurity	NMT 0.5%	0.02 %
	d) Total Impurities	NMT 2.0%	0.12 %
06	Morpholine Content by GC	NMT 0.5 %	0.12 %
07	Assay by Potentiometry (On anhydrous basis)	NMT 95.0% w/w and NLT 102.0% w/w	100.75 %

Note: The Product Complies with the above specification.



Quality Control