

Specification Sheet

Product Name: **Sulfobetaine 12**
Specifications & Purity: **98%**
SKU #: **S105512**

Parameter	Limit Values
Ignition Residue	0-0.1 (%)
Nitrogen by Elemental Analysis	3.9-4.4 (%)
Zinc(Zn)	0-5 (ppm)
Carbon by Elemental Analysis	59.4-61 (%)
Insoluble matter	0-0.1 (%)
Calcium(Ca)	0-0.002 (%)
Copper(Cu)	0-5 (ppm)
Potassium(K)	0-50 (ppm)
Phosphate(PO4)	0-5 (ppm)
Chloride (Cl-)	0-0.05 (%)
Purity(HPLC)	98-100 (%)
Iron(Fe)	0-5 (ppm)
Hydrogen by Elemental Analysis	10.7-11.3 (%)
Aluminum(Al)	0-5 (ppm)
Magnesium (Mg)	0-5 (ppm)
Sulfur by Elemental Analysis	0-0.05 (%)
(Pb)Lead	0-0.001 (%)
Ammonia (NH4)	0-500 (ppm)
Sodium(Na)	0-50 (ppm)
Appearance (S105512)	White powder
Infrared spectrum	Conforms to Structure
metal trace analysis (icp)	corresponds to requirements
Solubility in H2O(20°C , colorless clear (< 3.5 ntu) ,1M)	pass