

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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

Aladdin warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Aladdin-e.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Phone: +86 400 620 6333 Email: Sale@aladdin-e.com Web: <https://www.aladdin-e.com>

Tax ID: 91310000685518645K