

Technical data sheet



Product name: **Ammonium thiocyanate**

Grade: **Laboratory**

Chemical formula: NH_4SCN

Molar mass: 76.122 g/mol

Synonyms: Ammonium isothiocyanate; Ammonium rhodanide; Ammonium sulfocyanate

General information	
Cas- No.	1762-95-4
Ec-No.	217-175-6
Appearance	colorless crystalline solid
Boiling point	N/A
Melting point	152-154 °C
Flash point	N/A
Spec.density	1.31 g/cm ³ (20°C)
Vapour pressure	<0.1 hPa (25 °C)
Solub. In H ₂ O	1600 g/l (20°C)
Storage temp	+2°C to +30°C
R:	20/21/22-32
S:	13

Specification	
Assay	≥ 99.0 %
Identity	conforms
Appearance	conforms
Insoluble matter	≤ 0.005 %
Chloride	≤ 0.005 %
Sulfate	≤ 0.0025 %
Sulfite	≤ 0.001%
Heavy metals (as Pb)	≤ 0.005%
Residue on ignition (as sulf)	≤ 0.025 %
Iodine consuming sub	≤ 0.02 %
pH value	4.5 - 6.0 (5 %; water, 25 °C)
Bulk density	600-700 kg/m ³

Symbol:



packaging:

Available Pack	1Kg	5Kg	10Kg
P.E	*	*	*
GLASS	-	-	-



دفتر مرکزی: تهران - خیابان شهید بهشتی - خیابان میرعماد - کوچه ۱۴ - ساختمان شماره ۳
 Address : #14 ,4th Floor ,No3, Miremad Street, Beheshti Ave
 TEL: 88530442-88530443
 www.armansina.com