

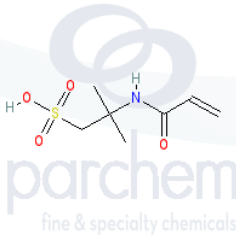


www.parchem.com

Typical Product Specifications & Properties

2-Acrylamido-2-Methylpropane sulfonic Acid

CAS Number: : 15214-89-8

Specifications	Limits
Fe	0.000011% (m/m)
Melting Point	187.3 deg C
Acidity	274.54 (mgKOH/g)
Non-Volatile Matter	99.80% (m/m)
Appearance	White crystal powder.
Purity	99.3% (m/m)
Water Content	0.129 %(m/m)
Chroma	10 (Hazen, 25% water Solution), Co-Pt
Molecular weight	207.25
Chemical Structure	 The chemical structure shows a central carbon atom bonded to a methyl group, a sulfonic acid group (-SO ₃ H), and an amide group (-NH-C(=O)-CH=CH ₂). The amide group is attached to the central carbon via its nitrogen atom. The sulfonic acid group is also attached to the central carbon. The amide group is shown in a trans configuration. The sulfonic acid group is shown with a hydrogen atom on the oxygen. The chemical structure is labeled with 'parchem fine & specialty chemicals'.

