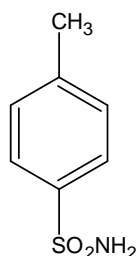


	<b>STANDARD SPECIFICATION</b>	Code No.	JMC-Q-0220
	<b>PTSA</b>	Rev. No.	6-050720
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C<sub>7</sub>H<sub>9</sub>NO<sub>2</sub>S / M.W. 171.22

### IDENTIFICATION OF PRODUCT

- Chemical Name      Toluene-4-sulphonamide
- Trade/ Synonym      p-Toluenesulfonamide
- Identification No.    CAS: 70-55-3    EINECS: 200-741-1    GHS: 2935.00.9090

### STANDARD

Subject	Specification	Analytical Method
Descriptions	White crystalline powder	JMC-L-0220
Assay (as total toluene sulfonamide)	99.0 % up	
Melting point	Min. 136.8°C	
Water content	Max. 0.5 %	
Color of 33⅓ % solution in acetone	Max. 30 Pt/Co	
Turbidity of 33⅓ % solution in acetone	Max. 10 FTU	
OTSA content	Max. 0.5 %	
pH value	5.0~7.5	
Chloride	Max. 0.04 %	
Sulfate	Max. 0.04 %	
Ash residue	Max. 0.05 %	
Heavy metals	Max. 0.001 %	

### STORAGE & HANDLING CONDITION

- Avoid contact with skin and eyes.
- Wear suitable protective clothing, gloves and eye/face protection.
- Keep container tightly closed in room place.
- Keep away from heat, direct sunlight and water.

### PACKAGING

- 25kg Polypropylene woven bag.

### SHELF LIFE

- The shelf life of this material is two years when stored under the conditions specified above.