

**NS6130-12-000633**

## Quick Facts

Product	:	Cetrimonium Bromide (CTAB)
Stock No	:	NS6130-12-000633
CAS	:	57-09-0
Molecular Formula	:	CH <sub>3</sub> (CH <sub>2</sub> ) <sub>15</sub> N (Br) (CH <sub>3</sub> ) <sub>3</sub>
Purity	:	99.9%

# CETRIMONIUM Bromide (CTAB)

**Purity**  
99.9%

## Technical Specification

Molecular Weight

364.45 g/mol

Melting Point

237 to 243 °C

Polystyrene nanopowder has a number of potential applications in various fields, including medicine, electronics, and materials science. In the medical field, polystyrene nanopowder can be used as a drug delivery system, where the nanopowder is loaded with therapeutic agents and targeted to specific tissues or cells. It can also be used in the development of biosensors and diagnostic tools.

In electronics, polystyrene nanopowder can be used to create conductive materials and electronic devices, such as transistors and sensors. It can also be used as a dielectric material in capacitors and other electronic components.

**CH<sub>3</sub> (CH<sub>2</sub>)<sub>15</sub>N (Br) (CH<sub>3</sub>)<sub>3</sub>**



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