

TECHNICAL DATA SHEET

TDS of Cesium Acetate

1. Product Identification

ITEM	CONTENTS
Chinese Name	乙酸铯
English Name	Cesium Carbonate / Caesium Carbonate
English other name	Acetic acid, cesium salt; Caesium acetate
CAS No.	3396-11-0
EINECS No.	222-248-0
Molecular Formula	C ₂ H ₃ CSO ₂
Molecular Weight	191.95 g/mol
HS Code	2915.2990

2. Physicochemical properties

ITEM	CONTENTS
Appearance	White crystal form powder or granular
Odor	Slight vinegar-like odor
Melting point	194 °C
Density	2.33 g/cm ³ (20°C)
Vapor pressure	Not applicable
Water solubility	Completely miscible
Solubility	Readily soluble in water
PH value	5.0 ~ 9.0 (50 g/L aqueous solution, 20°C)
Deliquescence	Highly deliquescent; store in a sealed, dry container.
Stability	Stable under normal temperature and pressure.

3. Specifications

ITEM	STANDARD
Purity	99%,
Appearance	White crystal form powder

4. Main application

Organic synthesis: Used as a mild base or catalyst in organic reactions
Optoelectronic materials: Electronic devices such as perovskite solar cells and OLEDs
Laboratory reagents: Analytical chemistry and scientific research
Preparation of other cesium salts: Used as an intermediate for synthesizing other cesium compounds

5 Package

ITEM	STANDARD
Package	Packaged according to customer requirements: bottles, bags, fiber drums, steel drums, etc.
Storage	Store in a cool, dry, well-ventilated warehouse; keep sealed and protected from moisture; argon blanketing is recommended.
Storage temperature	Room temperature (15–25°C)
Product life	60 months from the date of production (unopened original packaging)

Remarks: Above information is for reference and supplier can change according to updated production situation without prior notice.