

Taian Green Industry Co., Ltd.

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TECHNICAL DATA SHEETS

1. Product name:

Tetrapropylammonium bromide

2. Chemical Name:

TPABr;

Tetrapropylazanium bromide;

Tetra-N-propylammonium bromide;

N,N,N-tripropyl-1-propanaminium bromide

3. CAS No.:1941-30-6

4. MF:C₁₂H₂₈BrN

5. MW:266.26

6. Technical specifications

Item	Specifications	Results
Appearance	White to almost white crystalline powder	White powder
Assay	≥99.0%	99.3%
Amine value	≤3.0%	2.3%
Water	≤0.5%	0.37%
Conclusion	The results conforms with enterprise standards	

7. Usage

Tetrapropylazanium bromide can be used as phase transfer catalyst in a reaction of organic synthetic chemistry, such as a halogen replacement reaction, a redox reaction, an N-alkylation, or a dichlorocarbene. It also can be used as polymer polymerization curing accelerator, organic electrolyte for organic industry, oilfield chemical agent, molecular sieve template, phase change cold storage material, high performance liquid chromatography reagent, surfactant, detergent, adsorption agent, oil displacing agent, etc.

8. Package

25kg/drum