



# PETROCHEM TUNISIA

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## Technical Product Specifications

### **CALCIUM BROMIDE POWDER 96%**

Chemical Name: Calcium Bromide	Chemical Formula: CaBr <sub>2</sub>
CAS: 7789-41-5	

#### DESCRIPTION

CALCIUM BROMIDE is the calcium salt of hydrobromic acid. It is a white powder that is mainly used as dense aqueous solutions for drilling fluids. It has several benefits since it is thermally and chemically stable and it is non-damaging to the formation.

#### CHEMICAL PROPERTIES

Specification	Unit	Obtained
Assay	%	≥ 96
Insolubles in water	%	≤ 0.3
Chloride	%	< 0.5
Sulphide	%	< 0.05

#### PHYSICAL PROPERTIES

Specification	Unit	Obtained
Appearance	---	White Powder
Gravity	---	3.3

#### APPLICATION

CALCIUM BROMIDE is mostly used in completion operations in conjunction with calcium chloride to make solid free brines with densities in the range of 11.5 to 14.5 ppg.

#### PACKAGING AND STORAGE

CALCIUM BROMIDE can be supplied in 25kg PP/PE bags and in 1.000Kg Big Bags.  
The Material must be stored in a dry, cool and well- ventilated warehouse.