

**Chemical Name: Calcium Bromide**

Molecular formula: CaBr<sub>2</sub>

Molecular weight: 199.88

CAS number: 7789-41-5

**1. Grades & Specifications**

	Solid Powder (CaBr <sub>2</sub> ·2H <sub>2</sub> O)	liquid
Content	96%Min	52%Min
Water Insolubles	2% Max	0.3% Max
Weight Loss on Heating	0.5%Max	
Chloride	0.1% Max	0.1% Max
Sulphate	0.2% Max	0.1% Max
Specific gravity	/	1.70-1.73
P.H Value	7-8	6-7

**2. Applications**

2.1 mainly used as completion, workover and packer fluids in oil drilling field.;

2.2 Used for making medicinal intermediates in medico-industries.

**3. other properties**

3.1 This product is white grain or cake crystal melting point of 730°C and boiling point of 806-812°C;

3.2 It will turn yellow if placed in the air for a long time;

3.3 It can dissolve in water and ethanol or acetone, hardly dissolves in ether or chloroform;

3.4 It is very quick hygroscopic, its aqueous solution is neutral;

3.5 Store in a cool, well-ventilated, dry and shaded storehouse.

**4. Packages**

4.1 Solid Calcium Bromide is packed in 25kg, 50kg, 500kg, 1000kg Paper or Plastic Bags with plastic film inside.

4.2 Liquid Calcium Bromide is packed in 200L Plastic Drums.

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