

Chemical Name: Sodium Bromide

Molecular Formula: NaBr

CAS No.: 7647-15-6

1. Grades & Specifications

item	Specification	
	Industry Grade	Photo Grade
Appearance	White Crystal	White Crystal
Assay(as NaBr)% ≥	99	99.5
Chloride(as Cl)%≤	0.1	0.1
Sulphates(as SO ₄)%≤	0.01	0.005
Bromates(as BrO ₃)%≤	0.003	0.001
PH(10% solution at 25 degree C)	5-8	5-8
Moisture%	0.5	0.3
Lead(as Pb) %≤	0.0005	0.0003
Iodide(as I)%≤		0.006
Iron(as Fe)%≤		0.0002
Transmittance 5% at 410nm		93.0-100.0

2. Applications

- 2.1 Used for making sensitive emulsion of photographic film;
- 2.2 Used for making medicinal intermediates in medico-industries, e.g. diuretic , sedative etc;
- 2.3 Used as operational fluids for offshore oil wells.

3. other properties

- 3.1 This product is white cubic crystal or white fine grain with specific gravity 3.203 and melting point of 755°C;
- 3.2 It absorbs water easily and agglomerates in the air, but does not deliquesce.
- 3.3 It dissolves easily in water but slightly in alcohol.
- 3.4 Its water solution is neutral and has electroconductibility

4. Packages

25kg, 50kg, 500kg, 1000kg Paper or Plastic Bags with plastic film inside.

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