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CERTIFICATE OF ANALYSIS

BFactory price Potassium Carbonate K₂CO₃ CAS 584-08-7

Product Name: Potassium Carbonate K₂CO₃

CAS No.: 584-08-7

Molecular Weight: 138.21

Structural Formula K₂CO₃

EINECS: 209-529-3

Synonyms: potassium carbonate anhydrous, potassium carbonate hemihydrate, dipotassium carbonate, carbonic acid, dipotassium salt, carbonate of potash, salt of tartar, alt of wormwood, pearl ash

Properties: in granule or powder depending on its production method, colourless and smellless

Applications:

1/ In production of potassium silicate, potassium phosphate, and other potassium composites

2/ In production of optical glass, TV tube glass, PDP glass, etc

3/ As food additives such as noodle enhancer, cocoa

4/ In detergents, pesticides, feeds, etc

5/ In the fertilizer industry for removal of carbon dioxide from the ammonia production synthesis gas coming from the steam reformer

6/ As an ingredient in welding fluxes, and in the flux coating on arc welding rods

Specification	Standard	Test Result
Potassium Carbonate	99%min	99.5%
Sulphate	0.01%max	0.008%
Chloride	0.01%max	0.007%
Burnt loss	0.6%max	0.5%
Water-insolubles	0.02%max	0.01%
Iron	0.001%max	0.0005%
Arsenic	0.0003%max	0.0002%
Heavy Metal as Pb	0.002%max	0.001%

