

FICHE TECHNIQUE**POTASSIUM CARBONATE**

Pour analyses, FCC

Réf : **40054**

Formule :	K ₂ CO ₃
Poids moléculaire :	138,21
CAS	[584-08-7]

SPECIFICATIONS :

Teneur :	99,0 - 101,0 %
Aspect :	billes blanches
Solubilité :	112 g / 100 ml H ₂ O à 20°C
Point de fusion :	890°C
Densité :	2,29
Densité apparente :	1,3
KOH libre :	0,2 % maxi
Humidité :	0,25 % maxi
Na en Na ₂ O :	0,5 % maxi
Chlorures (Cl) :	60 ppm maxi
Sulfates (SO ₄) :	20 ppm maxi
Fer (Fe) :	3,5 ppm maxi
Métaux lourds (en Pb) :	10 ppm maxi
Calcium :	100 ppm maxi
Mercure :	0,1 ppm maxi
Arsenic :	1,0 ppm maxi
Chrome :	5 ppm maxi
Plomb :	0,5 ppm maxi

GRANULOMETRIE :

	min (%)	maxi (%)
Passant à travers le tamis de 0,2 mm	0,5	5
Passant à travers le tamis de 0,5 mm	10	35
Passant à travers le tamis de 0,8 mm	45	75
Passant à travers le tamis de 1,0 mm	80	95
Passant à travers le tamis de 1,2 mm	90	100

SIRET : 338 502 941 00044 / NAF : 2059Z / N° TVA : FR24 338 502 941

BULLETIN D'ANALYSE**POTASSIUM CARBONATE**

Pour analyses, FCC

Réf : **40054**Lot : **5436284**

Formule : K_2CO_3
Poids moléculaire : 138,21
CAS [584-08-7]

SPECIFICATIONS :**RESULTATS**

Teneur :	99,0 - 101,0 %	99,9 %
Aspect :	billes blanches	conforme
Solubilité :	112 g / 100 ml H ₂ O à 20°C	conforme
Point de fusion :	890°C	conforme
Densité :	2,29	conforme
Densité apparente :	1,3	conforme
KOH libre :	0,2 % maxi	0,10 %
Humidité :	0,25 % maxi	0,10 %
Na en Na ₂ O :	0,5 % maxi	0,4 %
Chlorures (Cl) :	60 ppm maxi	12 ppm
Sulfates (SO ₄) :	20 ppm maxi	< 20 ppm
Fer (Fe) :	3,5 ppm maxi	0,6 ppm
Métaux lourds (en Pb) :	10 ppm maxi	< 10 ppm
Calcium :	100 ppm maxi	< 100 ppm
Mercure :	0,1 ppm maxi	< 0,1 ppm
Arsenic :	1,0 ppm maxi	< 1 ppm
Chrome :	5 ppm maxi	< 5 ppm
Plomb :	0,5 ppm maxi	< 0,5 ppm

GRANULOMETRIE :

	min (%)	maxi (%)
Passant à travers le tamis de 0,2 mm	0,5	5
Passant à travers le tamis de 0,5 mm	10	35
Passant à travers le tamis de 0,8 mm	45	75
Passant à travers le tamis de 1,0 mm	80	95
Passant à travers le tamis de 1,2 mm	90	100

CHIMIE-PLUS Laboratoires

ZAC du pont

01240 Saint Paul de Varax

Tel : +33-(0)-4-74-51-77-51

Fax : +33-(0)-4-37-62-15-66

www.chimieplus.fr

contact@chimieplus.fr



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POTASSIUM CARBONATE 99.5 % FINE POWDER	
CAS NUMBER : 584-08-7 EINECS NUMBER : 209-529-3	
OTHERS REQUIREMENTS :	
FOOD CHEMICALS CODEX : this product is conform to the criteria of purity of Food Chemicals Codex version 10 indicated below:	
FOOD ADDITIVES : this product is conform to the purity criteria indicated below of food additives, European Regulation n°231/2012	
Potassium carbonate (K ₂ CO ₃)	>99.0%
Loss on drying (180°C-4 hours)	< 5 % (anhydrous basis)
Arsenic (As)	< 3 ppm
Lead (Pb)	< 2 ppm
Mercury (Hg)	< 1 ppm
EUROPEAN PHARMACOPEIA 8e Edition : : this product is conform to the purity criteria indicated below :	
Assay >99%	
Heavy metals	< 20 ppm
Chloride	< 100 ppm
Sulfate	< 100 ppm
Calcium	<100ppm
Iron	< 10 ppm
Loss on drying (0,3g K ₂ CO ₃ 5h 120-125°C)	<5%
US PHARMACOPEIA : Meets test requirements indicated in the Pharmacopeia USP 39 – NF 34	
GMO : free from Genetically Modified Organism and do not come into contact with Genetically Modified Organism during manufacturing and handling. Therefore this product do not require a GM-labelling (1829/2003/EC, 2001/18/EC and its amendments including 1830/2003/EC).	
TSE/BSE : free from Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE) agents, not of animal origin. Therefore this product is not affected by the Guidance on Minimising the Risk of Transmitting Animal Spongiform Encephalopathy Agents via Human and Veterinary Medicinal Products (EMA/410/01 rev2) and by the regulation EC n° 999/2001 of the European parliament and of the council.	
ALLERGENIC INGREDIENTS : free from any potential allergenic ingredients listed in Annex III to 2003/89/EC.	
HALAL : may be used in the Halal food industry	
KOSHER : may be used in the Kosher food industry	
REACH and CLP : product will be conform to REACH (1907/2006/EC Regulation on Registration, Evaluation, Authorisation and Restriction of Chemical substances) and CLP (1272/2008/EC Regulation on Classification Labelling and Packaging of Substances and Mixtures. Registry number: 01-2119532646-36-0005	
SOLVENT : the solvents listed in the Guideline "Note for guidance on impurities: residual solvents" (CMPM/ICH/283/95, EMA) are not employed in the manufacture of the product. The product comply with the Guideline CMPM/ICH/283/95.	
SVCH : do not contain any substance from SVHC list (European Chemical Agency, Candidate List of Substances of Very High Concern , December 19th 2012).	
ECOLABEL : Commission Decision of 24 June 2011 on establishing the ecological criteria for the award of the EU Ecolabel for all-purpose cleaners and sanitary cleaners The product is free from substances below : APEO and derivatives - EDTA - 5-Bromo-5-nitro-1,3-dioxane - 2-Bromo-2-nitropropane-1,3-diol - Diazolinidylurea - Formaldehyde - Sodium hydroxy methyl glycinate - Nitromusks and polycyclic musks - HHCB - AHTN - Quaternary ammonium salts This product is conform to the criteria 3a, 3b, 3c, 3d, 3e.	