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Potassium Bicarbonate U.S.P. Anhydrous

SALES SPECIFICATION

Component	Basis	Specification
Total Alkalinity (as KHCO_3), dry basis	wt. %	99.5 – 101.5
Loss on Drying	wt. %	0.25 Max.
Normal Carbonate (as K_2CO_3)	wt. %	2.5 Max.
Elemental Impurities:		
Arsenic (as As)	ppm by wt.	1.5 Max.
Cadmium (as Cd)	ppm by wt.	0.2 Max.
Lead (as Pb)	ppm by wt.	0.5 Max.
Mercury (as Hg)	ppm by wt.	0.3 Max.
Residual Solvents	—	Meets Requirements
Identification	A 1-10 solution gives a positive test for Potassium and Bicarbonate	

Notes

- Potassium bicarbonate is registered with the US FDA (Food & Drug Administration) as an excipient.
- The 0.25% maximum 'Loss on Drying' specification meets, and is more stringent than, the USP specification of 0.30% maximum.
- Residual Solvents testing (USP<467>) is not required as no solvents are used in the manufacturing of this product.
- Manufactured in a plant that is registered as a Food Facility with the FDA
- Meets Food Chemicals Codex (FCC) chemical test requirements.
- The following parameters are not specification items and are provided for informational purposes only:
 - Bulk Density: ~64 lb/cu.ft
 - Typical Particle Size Distribution:

Sieve Size	Cumulative % Retained
20	<1.0
80	55
100	60
200	85

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