



Specification

Arm & Hammer™ Tortilla Blend™ Sodium Bicarbonate

Reviewed: February 4, 2026, MM

Definition	A mixture of USP Sodium Bicarbonate with a flow aid.
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Analysis		
Description	Test Method	
Assay – dry basis	USP	Not less than 98.45% and not more than 100.35% of NaHCO_3
Identification	USP <191>	Meets the requirements of the tests for sodium and bicarbonate.
Normal Carbonate	USP	Pass. Solution does not assume more than a faint pink color immediately.
Chloride	USP <221>	Not more than 0.015%
Limit of Sulfur Compounds	USP	Not more than 0.015%
Elemental Impurities*	ICP	
Cadmium		Not more than 0.3 $\mu\text{g/g}$
Lead		Not more than 0.3 $\mu\text{g/g}$
Arsenic		Not more than 0.9 $\mu\text{g/g}$
Mercury		Not more than 1 $\mu\text{g/g}$
Limit of Ammonia	NA – See remarks	Pass, see remarks.
Loss on Drying	USP <731>	Not more than 0.25%
Non-USP Requirement		
Flow Aid	C&D	0.15 – 0.55%
Ammonia is not used in the manufacturing process for Church & Dwight Sodium Bicarbonate. Limit of Ammonia is based on risk analysis and in-process controls. Controlled handling and storage of the product ensures that ammonia will not exceed the USP limit.		
*Elemental Impurities (replaces Heavy Metals <231>) Limits based on USP <232> Table 3, Oral Drug Products. Determined by ICP, C&D Method TM*74505 for Elemental Impurities.		
Residual Solvents testing under USP <467> is not required as no solvents, and specifically no solvents of Class 1, 2, or 3 as defined in <467>, are used in the manufacture or purification of Church & Dwight Sodium Bicarbonate.		