

THE GOVERNMENT PHARMACEUTICAL ORGANIZATION

RAW MATERIAL SPECIFICATION

Title : Benzoic Acid Powder [Benzoic Acid BP] (Item No. 41020310)	Spec. No. : SP-AK30-B004
Reference(s) : BP 2019 page I-278 to I-279 [Benzoic Acid]	Rev. No. : 03
Other Requirements : -	Page : 1/2

BP 2019	Description	: White or almost white, crystalline powder or colourless crystals.
	Solubility	: Slightly soluble in water, soluble in boiling water, freely soluble in ethanol (96%) and in fatty oils.
	Identification	: A. Melting point: 121 °C to 124 °C. B. It gives reaction (a) of benzoates.
	Appearance of solution	: Solution S is clear and colourless. [Solution S: 5.0% in ethanol (96%).]
	Carbonisable substances	: Not more intensely coloured than reference solution Y ₅ .
	Oxidisable substances	: After 5 minutes, the solution is still coloured pink.
	Halogenated compounds and halides	: Maximum 300 ppm.
	Sulfated ash	: Maximum 0.1%.
	Assay	: 99.0% to 100.5% of C ₇ H ₆ O ₂ .

Prepared by : J. Noppadech / 12/07/19 Head of Raw Material Standard Section 2	Reviewed by : Farmie Lunlunom / 12/07/19 Director of Raw Material Standard Division	Approved by : Nikhin Rungroj / 12/07/19 Director of Quality Assurance Department (Aching)	Eff. Date 15/08/19
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Product Information

Approved source(s)	Refer to current version of Approved Supplier List of Benzoic Acid Powder [Benzoic Acid BP] (Item No. 41020310).
Sampling plan	For Identification : 100%. For Other Tests : n plan.
Testing procedure	Tests to be performed as per current version of WI-AK30-B004.
Storage condition	Store at a condition stated on the label from the manufacturer. Preserve in well-closed containers.
Retest period	1 year after first testing date.

History of changes

Rev. No.	Description	Effective Date
01	ประกาศใช้ครั้งแรก (อ้างอิงตาม BP 2013)	24/05/16
02	หัวข้อทดสอบ Oxidisable substances จาก "Solution (0.2 g in 10 mL of boiling water) is still coloured pink after addition of 1 mL of dilute sulfuric acid and 0.2 mL of 0.02 M potassium permanganate." เป็น "After 5 minutes, the solution is still coloured pink."	30/11/16
03	Update ข้อกำหนดตาม BP 2019	15/08/19

Prepared by : J. Koppadach / 12/07/19 Head of Raw Material Standard Section 2	Reviewed by : Tarnin Lunthongkiet / 12/07/19 Director of Raw Material Standard Division	Approved by : Vichin Rungvongroj / 12/07/19 Director of Quality Assurance Department (Aching)	Eff. Date 15/08/19
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