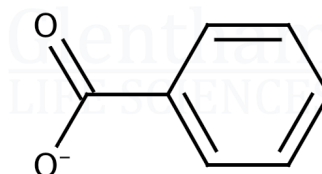


Certificate of Analysis

Product Name	Sodium benzoate, BP, FCC, Ph. Eur., USP grade
Glentham Code	GX1300
CAS Number	532-32-1
EINECS	208-534-8
MDL Number	MFCD00012463
Batch Number	956CZF
Molecular Weight	144.11
Molecular Formula	$C_7H_5NaO_2$
Storage Temp.	+20°C

Na⁺



Property	Specification	Batch 956CZF
Physical Description	White or almost white, crystalline or granular powder or flakes	Conforms
Identification	According to BP, FCC, Ph. Eur., USP	Conforms
Solubility (10% in water)	Clear, colourless solution ($\leq Y6$, ≤ 10 APHA)	Conforms
Acidity	≤ 0.40 mgKOH/g	0.00mgKOH/g
Alkalinity	≤ 0.37 mgHCl/g	0.06mgHCl/g
Acidity or Alkalinity	To pass BP, Ph. Eur., USP tests	Conforms
Halogenated Compounds	≤ 100 ppm	≤ 25 ppm
Total Chlorine	≤ 100 ppm	≤ 50 ppm
Heavy Metals (as Pb)	≤ 10 ppm	Conforms
Arsenic (As)	≤ 1 ppm	Conforms
Cadmium (Cd)	≤ 1 ppm	Conforms
Mercury (Hg)	≤ 1 ppm	Conforms
Lead (Pb)	≤ 1 ppm	Conforms
Organic Volatile Impurities	To pass USP test	Conforms
Loss on Drying	$\leq 1.5\%$	0.1%
Assay	99.0 - 100.5 % (dried substance)	99.9%
Pharmacopoeia Specification(s)	BP, FCC, Ph. Eur., USP	Conforms

Specification Version	v1.0
Manufacture Date	2024-04-24
Re-Test Date	2031-06-13

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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