



Certificate of Analysis

Bismuth (III) Citrate USP

Catalog Number: BC1009
Lot Number: 1207501r1
CAS Number: 813-93-4
Synonym(s): Bismuth Citrate
Molecular Formula: $C_6H_5O_7Bi$
Molecular Weight: 398.08
Storage: 15°C – 30°C
Date of Manufacture: November 10, 2015
Retest Date: November 9, 2018 (new retest date)

Test	Specification	Result
Appearance	White crystalline powder	Conforms
Assay	49 – 54%	51.2%
Identification (A,B,C)	To meet requirements	Conforms
Melting Point	$\geq 300^\circ C$	$> 300^\circ C$
Limit of Soluble Bismuth	$\leq 40ppm$	$< 40ppm$
Nitrate	To meet requirements	Conforms
Arsenic	$\leq 10ppm$	$< 10ppm$
Copper	$\leq 10ppm$	2.2ppm
Lead	$\leq 10ppm$	1.7ppm
Silver	$\leq 10ppm$	0.3ppm

Approved by:

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Date: March 5, 2018