

Just Blue, 16 mg

Product Code: 452

Lot/Batch #: 45225034 (JSTBLU-20250129)

Date of Manufacture: 04/2025

EXP Date: 05/2027

Test	Method	Release Specifications	Results
Appearance	Physical Characterization	Dark blue Color, opaque, wax like cubes	Conforms
Average product weight		550mg $\pm$ 10%	Conforms
Size		11.0 x 10.0 x 4.5mm	Conforms
Identification A	HPLC-PDA	The UV spectrum of the major peak of the <i>Sample solution</i> corresponds to that of the <i>Standard solution</i> , as obtained in the <i>Assay</i> .	Conforms
Identification B	HPLC-UV	The retention time of the major peak of the <i>Sample solution</i> corresponds to that of the <i>Standard solution</i> , as obtained in the <i>Assay</i> .	Conforms
Assay	HPLC-UV	NLT 90%	99%
Heavy Metals	USP <2232>	NMT 10 ppm	<0.02
Arsenic		NMT 10 ppm	<0.02
Cadmium		NMT 10 ppm	<0.02
Lead		NMT 10 ppm	<0.02
Mercury		NMT 10 ppm	<0.02
Microbial Limit Tests	USP <2021>, <2022>	NMT 10,000 cfu/g	<10
<i>Total Aerobic Microbial Count</i>		NMT 1,000 cfu/g	<10
<i>Total Yeasts and Molds Count</i>		Absent	Absent
<i>Escherichia coli</i>		Absent	Absent
<i>Salmonella SPP</i>		Absent	Absent
<i>Staphylococcus aureus</i>			

Comments: This material complies with the specifications set forth in SPC-452-001-002.

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Date: 04/14/2025

Approved By (QA): *Waher Shah*  
Date: 04/14/25