

Certificate of Analysis

Product name	5-Iodo - 2'-Deoxyuridine		
Batch no.	20180302	Manu. date	20180302
Quantity	49.4Kg	Expiry date	20190301
Items	Specifications		Results
Appearance	Almost –white to white crystalline powder , slightly soluble in water and ethanol ,dissolves in dilute solutions of alkali hydroxides		Almost –white crystalline
Identification	NMR		Conform
Loss on drying	≤1%		0.23%
Heavy Metals	≤10ppm		<10ppm
Sulfated ash	≤0.1%		0.07%
5-Bromo - 2'-Deoxyuridine	≤0.5%		Not Detected
2'-Deoxyuridine	≤0.5%		Not detected
5-Iodouracil	≤0.5%		Conforms
Iodide	≤0.1%		Conforms
Melting Point	176—184℃		176-177℃ (decompose)
Specific Rotation	28-32 °		29.1 °
Assay	98.0%-101%		99.8%
Conclusion	Complies with the EP7 standard		

Storage: store protected from light.

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