



## Certificate of Analysis

### Hemisuccinate Hydrocortisone Sodium Salt BP

**Catalog Number:** HS1004  
**Lot Number:** 0501902  
**CAS Number:** 125-04-2  
**Synonym(s):** 11 $\beta$ ,17 $\alpha$ ,21-Trihydroxy-4-pregnene-3,20-dione 21-hemisuccinate sodium salt, Cortisol 21-hemisuccinate sodium salt  
**Molecular Formula:** C<sub>25</sub>H<sub>33</sub>NaO<sub>8</sub>  
**Molecular Weight:** 484.51  
**Storage:** - 20°C  
**Date of Manufacture:** March 5, 2019  
**Retest Date:** March 4, 2020

Test	Specification	Result
Appearance	White to off-white powder	Conforms
Assay	95 - 105%	99.8%
Identification (FTIR)	To match reference spectra	Conforms
Solubility	Soluble in water, insoluble in Trichloromethane	Conforms
Clarity	Clear solution	Conforms
Moisture	≤ 2.0%	0.7%
pH	6.5 – 8.0	7.6
Endotoxin	≤ 0.3EU/mg	< 0.3EU/mg

This lot meets the specifications for BP2017.

Approved by:

Date: May 1, 2019

June 26, 2019 (revised)

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