

Certificate of Analysis

Synovea® HR Hexylresorcinol

Product Code: HR1001
 Batch No. 10190321
 Date of Manufacturing: March 10th, 2021
 Date of Analysis: March 25th, 2021
 Date of Expiry: March 9th, 2024
 Analytical Report No. AR/FD/960/0321

Product Description

Trade Name: Synovea® HR
 Chemical Name: 4-Hexylresorcinol
 INCI Name: Hexylresorcinol
 Appearance: Off-white to pale yellow powder, may form soft lump
 CAS#: 136-77-6
 EINECS/ELINCS: 205-257-4
 Harmonized Tariff No: 2907299000

Analytical Profile	Specifications	Results
Appearance	Report	Pale Yellow
Color in solution (5% in Ethanol) (EP standard solution)	Less intense than Y3 & BY3 standard ref solution	Complies
Assay for Hexylresorcinol (HPLC)	≥ 99% (w/w)	99.8%
Identity (HPLC)	To match with standard	Complies
Melting Range	64 to 69°C	65.1 - 66.2
Moisture Content	≤ 1.0%	0.08%
Sulphated Ash	≤ 0.1%	0.07%
Resorcinol	≤ 0.05%	BDRL
Heavy Metals		
-Lead (Pb)	< 1 ppm	BQL
-Arsenic (AS)	< 1 ppm	BQL
-Mercury (Hg)	< 1 ppm	BQL
Residual solvents		
-Methanol	≤100 ppm	2 ppm
-Toluene	≤ 10 ppm	0.1 ppm
-Cyclohexane	≤100 ppm	2 ppm
Microbiological Profile		
Total aerobic plate count	≤ 100 CFU/g	< 10
Yeast and mold count	≤ 10 CFU/g	< 10
<i>Escherichia coli</i>	Absent in 1g	Absent
<i>Salmonella</i>	Absent in 10g	Absent

Storage: Store in original, sealed containers at +10 to +30°C, avoid light, heat and moisture.

Stability: Min. 3 years

Standard Packaging: 5 and 10 Kg HDPE Drums

Date: March 25th, 2021

Approved by Quality Assurance

This document is generated electronically and is valid without a signature.